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=> index chemistry bioscience medicine patents meetings

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| 0.42       | 0.42    |

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INDEX 'AGRICOLA, ALUMINIUM, ANABSTR, BABS, BIOCOMMERCE, BIOTECHNO, CABA, CAOLD, CAPLUS, CBNB, CEABA-VTB, CEN, CERAB, CIN, COMPENDEX, CONFSCI, COPPERLIT, CORROSION, DKILIT, ENCOMPLIT, ENCOMPLIT2, FEDRIP, GENBANK, INSPEC, INSPHYS, INVESTEXT, IPA, JICST-EPLUS, ...' ENTERED AT 17:09:49 ON 13 AUG 2002

111 FILES IN THE FILE LIST IN STNINDEX

Enter SET DETAIL ON to see search term postings or to view search error messages that display as 0\* with SET DETAIL OFF.

=> s fusion and Ra12 and mycobacterium

5 FILE CAPLUS

38 FILES SEARCHED...

1 FILE BIOTECHABS

1 FILE BIOTECHDS

23 FILE DGENE

64 FILES SEARCHED...

2 FILE TOXCENTER

20 FILE USPATFULL

2 FILE WPIDS

2 FILE WPINDEX

95 FILES SEARCHED...

14 FILE PCTFULL

9 FILES HAVE ONE OR MORE ANSWERS, 111 FILES SEARCHED IN STNINDEX

L1 QUE FUSION AND RA12 AND MYCOBACTERIUM

=> file hits

COST IN U.S. DOLLARS

| SINCE FILE | TOTAL   |
|------------|---------|
| ENTRY      | SESSION |
| 2.65       | 3.07    |

FULL ESTIMATED COST

FILE 'DGENE' ENTERED AT 17:12:52 ON 13 AUG 2002

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FILE 'WPINDEX' ACCESS NOT AUTHORIZED

FILE 'BIOTECHABS' ACCESS NOT AUTHORIZED

FILE 'BIOTECHDS' ENTERED AT 17:12:52 ON 13 AUG 2002

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=> s l1 and (fusion (w) protein) and expression

L2 4 FILE DGENE  
L3 20 FILE USPATFULL  
L4 14 FILE PCTFULL  
L5 4 FILE CAPLUS  
L6 2 FILE TOXCENTER  
L7 1 FILE WPIDS  
L8 0 FILE BIOTECHDS

TOTAL FOR ALL FILES

L9 45 L1 AND (FUSION (W) PROTEIN) AND EXPRESSION

=> dup rem l9

DUPLICATE IS NOT AVAILABLE IN 'DGENE'.

ANSWERS FROM THESE FILES WILL BE CONSIDERED UNIQUE

PROCESSING COMPLETED FOR L9

L10 42 DUP REM L9 (3 DUPLICATES REMOVED)

=> d ibib abs l10 1-42

L10 ANSWER 1 OF 42 USPATFULL

ACCESSION NUMBER: 2002:171861 USPATFULL

TITLE: Compositions and methods for the diagnosis and treatment of herpes simplex virus infection

INVENTOR(S): Hosken, Nancy A., Seattle, WA, UNITED STATES  
Day, Craig H., Seattle, WA, UNITED STATES  
Dillon, Davin C., Issaquah, WA, UNITED STATES  
McGowan, Patrick, Seattle, WA, UNITED STATES  
Sleath, Paul R., Seattle, WA, UNITED STATES

|                     | NUMBER         | KIND | DATE         |
|---------------------|----------------|------|--------------|
| PATENT INFORMATION: | US 2002090610  | A1   | 20020711     |
| APPLICATION INFO.:  | US 2001-894998 | A1   | 20010628 (9) |

|                       | NUMBER  | DATE          |
|-----------------------|---|---------------|
| PRIORITY INFORMATION: | US 2001-277438P   | 20010320 (60) |
|                       | US 2000-215458P   | 20000629 (60) |
| DOCUMENT TYPE:        | Utility   |               |
| FILE SEGMENT:         | APPLICATION   |               |
| LEGAL REPRESENTATIVE: | SEED INTELLECTUAL PROPERTY LAW GROUP PLLC, 701 FIFTH AVE, SUITE 6300, SEATTLE, WA, 98104-7092 |               |
| NUMBER OF CLAIMS:     | 38  |               |
| EXEMPLARY CLAIM:      | 1   |               |
| LINE COUNT:           | 6266  |               |

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Compounds and methods for the diagnosis and treatment of HSV infection are provided. The compounds comprise polypeptides that contain at least one antigenic portion of an HSV polypeptide and DNA sequences encoding such polypeptides. Pharmaceutical compositions and vaccines comprising such polypeptides or DNA sequences are also provided, together with antibodies directed against such polypeptides. Diagnostic kits are also provided comprising such polypeptides and/or DNA sequences and a suitable detection reagent for the detection of HSV infection in patients and in biological samples.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L10 ANSWER 2 OF 42 USPATFULL

ACCESSION NUMBER: 2002:164685 USPATFULL  
TITLE: Compositions and methods for the therapy and diagnosis  
of colon cancer  
INVENTOR(S): Meagher, Madeleine Joy, Seattle, WA, UNITED STATES  
King, Gordon E., Shoreline, WA, UNITED STATES  
Xu, Jiangchun, Bellevue, WA, UNITED STATES  
Secrist, Heather, Seattle, WA, UNITED STATES

|                     | NUMBER         | KIND | DATE         |
|---------------------|----------------|------|--------------|
| PATENT INFORMATION: | US 2002086303  | A1   | 20020704     |
| APPLICATION INFO.:  | US 2001-878134 | A1   | 20010607 (9) |

|                       | NUMBER   | DATE          |
|-----------------------|--|---------------|
| PRIORITY INFORMATION: | US 2000-210667P  | 20000609 (60) |
|                       | US 2000-252614P  | 20001122 (60) |
| DOCUMENT TYPE:        | Utility  |               |
| FILE SEGMENT:         | APPLICATION  |               |
| LEGAL REPRESENTATIVE: | SEED INTELLECTUAL PROPERTY LAW GROUP PLLC, 701 FIFTH<br>AVE, SUITE 6300, SEATTLE, WA, 98104-7092 |               |
| NUMBER OF CLAIMS:     | 17   |               |
| EXEMPLARY CLAIM:      | 1  |               |
| LINE COUNT:           | 8276   |               |

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Compositions and methods for the therapy and diagnosis of cancer, such as colon cancer, are disclosed. Compositions may comprise one or more colon tumor proteins, immunogenic portions thereof, or polynucleotides that encode such portions. Alternatively, a therapeutic composition may comprise an antigen presenting cell that expresses a colon tumor protein, or a T cell that is specific for cells expressing such a protein. Such compositions may be used, for example, for the prevention and treatment of diseases such as colon cancer. Diagnostic methods based on detecting a colon tumor protein, or mRNA encoding such a protein, in a sample are also provided.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L10 ANSWER 3 OF 42 USPATFULL

ACCESSION NUMBER: 2002:164385 USPATFULL  
TITLE: Compositions and methods for the therapy and diagnosis  
of breast cancer  
INVENTOR(S): Jiang, Yuqiu, Kent, WA, UNITED STATES  
Dillon, Davin C., Issaquah, WA, UNITED STATES  
Mitcham, Jennifer L., Redmond, WA, UNITED STATES  
Xu, Jiangchun, Bellevue, WA, UNITED STATES  
Harlocker, Susan L., Seattle, WA, UNITED STATES  
Hepler, William T., Seattle, WA, UNITED STATES  
Henderson, Robert A., Edmonds, WA, UNITED STATES  
PATENT ASSIGNEE(S): Corixa Corporation, Seattle, WA, UNITED STATES, 98104  
(U.S. corporation)

|                       | NUMBER   | KIND | DATE         |
|-----------------------|--|------|--------------|
| PATENT INFORMATION:   | US 2002085998  | A1   | 20020704     |
| APPLICATION INFO.:    | US 2001-834759   | A1   | 20010413 (9) |
| RELATED APPLN. INFO.: | Continuation-in-part of Ser. No. US 2000-620405, filed<br>on 20 Jul 2000, PENDING Continuation-in-part of Ser.<br>No. US 2000-604287, filed on 22 Jun 2000, PENDING<br>Continuation-in-part of Ser. No. US 2000-590751, filed<br>on 8 Jun 2000, PENDING Continuation-in-part of Ser. No.<br>US 2000-551621, filed on 17 Apr 2000, PENDING<br>Continuation-in-part of Ser. No. US 1999-433826, filed<br>on 3 Nov 1999, PENDING Continuation-in-part of Ser. No.<br>US 1999-389681, filed on 2 Sep 1999, PENDING |      |              |

Continuation-in-part of Ser. No. US 1999-339338, filed  
on 23 Jun 1999, PENDING Continuation-in-part of Ser.  
No. US 1999-285480, filed on 2 Apr 1999, PENDING  
Continuation-in-part of Ser. No. US 1998-222575, filed  
on 28 Dec 1998, PENDING

DOCUMENT TYPE: Utility  
FILE SEGMENT: APPLICATION  
LEGAL REPRESENTATIVE: SEED INTELLECTUAL PROPERTY LAW GROUP PLLC, 701 FIFTH  
AVE, SUITE 6300, SEATTLE, WA, 98104-7092  
NUMBER OF CLAIMS: 19  
EXEMPLARY CLAIM: 1  
NUMBER OF DRAWINGS: 2 Drawing Page(s)  
LINE COUNT: 12170  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Compositions and methods for the therapy and diagnosis of cancer,  
particularly breast cancer, are disclosed. Illustrative compositions  
comprise one or more breast tumor polypeptides, immunogenic portions  
thereof, polynucleotides that encode such polypeptides, antigen  
presenting cell that expresses such polypeptides, and T cells that are  
specific for cells expressing such polypeptides. The disclosed  
compositions are useful, for example, in the diagnosis, prevention  
and/or treatment of diseases, particularly breast cancer.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L10 ANSWER 4 OF 42 USPATFULL

ACCESSION NUMBER: 2002:157612 USPATFULL  
TITLE: Compositions and methods for the therapy, diagnosis and  
monitoring of breast cancer  
INVENTOR(S): Fanger, Gary R., Mill Creek, WA, UNITED STATES  
Foy, Teresa M., Federal Way, WA, UNITED STATES  
Houghton, Raymond L., Bothell, WA, UNITED STATES  
Reed, Steven G., Bellevue, WA, UNITED STATES

|  | NUMBER   | KIND | DATE         |
|--|--|------|--------------|
| PATENT INFORMATION:                        | US 2002082216  | A1   | 20020627     |
| APPLICATION INFO.:                         | US 2001-757417   | A1   | 20010108 (9) |
| RELATED APPLN. INFO.:                      | Continuation-in-part of Ser. No. US 2000-580376, filed<br>on 26 May 2000, PENDING                |      |              |
| DOCUMENT TYPE:                             | Utility  |      |              |
| FILE SEGMENT:                              | APPLICATION  |      |              |
| LEGAL REPRESENTATIVE:                      | SEED INTELLECTUAL PROPERTY LAW GROUP PLLC, 701 FIFTH<br>AVE, SUITE 6300, SEATTLE, WA, 98104-7092 |      |              |
| NUMBER OF CLAIMS:                          | 73   |      |              |
| EXEMPLARY CLAIM:                           | 1  |      |              |
| NUMBER OF DRAWINGS:                        | 32 Drawing Page(s)   |      |              |
| LINE COUNT:                                | 2697   |      |              |
| CAS INDEXING IS AVAILABLE FOR THIS PATENT. |  |      |              |

AB Compositions and methods for the therapy, diagnosis and monitoring of  
breast cancer are disclosed. Compositions may comprise one or more  
mammaglobin epitopes, or antibodies or T cells thereto, and may be used,  
for example, for the prevention and treatment of breast cancer.  
Diagnostic methods based on detecting the presence of mammaglobin  
epitopes, or antibodies or T cells thereto, in a sample are also  
provided. Also provided are methods for detecting RNA encoding  
mammaglobin in patient blood or fractions thereof. These methods may be  
used to detect and/or monitor the progression of breast cancer.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L10 ANSWER 5 OF 42 USPATFULL

ACCESSION NUMBER: 2002:157603 USPATFULL  
TITLE: Compositions and methods for the therapy and diagnosis  
of pancreatic cancer

INVENTOR(S):                   Hirst, Shannon K., Kirkland, WA, UNITED STATES  
                                 Harlocker, Susan L., Seattle, WA, UNITED STATES  
                                 Dillon, Davin C., Issaquah, WA, UNITED STATES  
                                 Kalos, Michael D., Seattle, WA, UNITED STATES

|                     | NUMBER         | KIND | DATE         |
|---------------------|----------------|------|--------------|
| PATENT INFORMATION: | US 2002082207  | A1   | 20020627     |
| APPLICATION INFO.:  | US 2001-872153 | A1   | 20010531 (9) |

|                       | NUMBER  | DATE          |
|-----------------------|---|---------------|
| PRIORITY INFORMATION: | US 2001-291197P   | 20010515 (60) |
|                       | US 2000-248980P   | 20001114 (60) |
|                       | US 2000-210329P   | 20000607 (60) |
| DOCUMENT TYPE:        | Utility   |               |
| FILE SEGMENT:         | APPLICATION   |               |
| LEGAL REPRESENTATIVE: | SEED INTELLECTUAL PROPERTY LAW GROUP PLLC, 701 FIFTH AVE, SUITE 6300, SEATTLE, WA, 98104-7092 |               |
| NUMBER OF CLAIMS:     | 18  |               |
| EXEMPLARY CLAIM:      | 1   |               |
| LINE COUNT:           | 4564  |               |

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB       Compositions and methods for the therapy and diagnosis of cancer, particularly pancreatic cancer, are disclosed. Illustrative compositions comprise one or more pancreatic tumor polypeptides, immunogenic portions thereof, polynucleotides that encode such polypeptides, antigen presenting cell that expresses such polypeptides, and T cells that are specific for cells expressing such polypeptides. The disclosed compositions are useful, for example, in the diagnosis, prevention and/or treatment of diseases, particularly pancreatic cancer.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L10 ANSWER 6 OF 42   USPATFULL

ACCESSION NUMBER:       2002:157081   USPATFULL  
TITLE:                   Compositions and methods for the therapy and diagnosis of prostate cancer

INVENTOR(S):            Xu, Jiangchun, Bellevue, WA, UNITED STATES  
                          Dillon, Davin C., Issaquah, WA, UNITED STATES  
                          Mitcham, Jennifer L., Redmond, WA, UNITED STATES  
                          Harlocker, Susan L., Seattle, WA, UNITED STATES  
                          Jiang, Yuqiu, Kent, WA, UNITED STATES  
                          Kalos, Michael D., Seattle, WA, UNITED STATES  
                          Fanger, Gary R., Mill Creek, WA, UNITED STATES  
                          Retter, Marc W., Carnation, WA, UNITED STATES  
                          Stolk, John A., Bothell, WA, UNITED STATES  
                          Day, Craig H., Seattle, WA, UNITED STATES  
                          Vedvick, Thomas S., Federal Way, WA, UNITED STATES  
                          Carter, Darrick, Seattle, WA, UNITED STATES  
                          Li, Samuel X., Redmond, WA, UNITED STATES  
                          Wang, Aijun, Issaquah, WA, UNITED STATES  
                          Skeiky, Yasir A. W., Bellevue, WA, UNITED STATES  
                          Hepler, William T., Seattle, WA, UNITED STATES  
                          Henderson, Robert A., Edmonds, WA, UNITED STATES  
                          Hural, John, Bainbridge Island, WA, UNITED STATES  
                          McNeill, Patricia D., Federal Way, WA, UNITED STATES  
                          Houghton, Raymond L., Bothell, WA, UNITED STATES  
                          de Bassols, Carlota Vinals, Rixensart, BELGIUM

|                       | NUMBER   | KIND | DATE         |
|-----------------------|--|------|--------------|
| PATENT INFORMATION:   | US 2002081680  | A1   | 20020627     |
| APPLICATION INFO.:    | US 2001-822827   | A1   | 20010328 (9) |
| RELATED APPLN. INFO.: | Continuation-in-part of Ser. No. US 2001-780669, filed |      |              |

on 9 Feb 2001, PENDING Continuation-in-part of Ser. No.  
US 2000-679272, filed on 4 Oct 2000, PENDING

|                       | NUMBER  | DATE          |
|-----------------------|---|---------------|
| PRIORITY INFORMATION: | US 2000-157455P   | 20000417 (60) |
| DOCUMENT TYPE:        | Utility   |               |
| FILE SEGMENT:         | APPLICATION   |               |
| LEGAL REPRESENTATIVE: | SEED INTELLECTUAL PROPERTY LAW GROUP PLLC, 701 FIFTH AVE, SUITE 6300, SEATTLE, WA, 98104-7092 |               |
| NUMBER OF CLAIMS:     | 14  |               |
| EXEMPLARY CLAIM:      | 1   |               |
| NUMBER OF DRAWINGS:   | 10 Drawing Page(s)  |               |
| LINE COUNT:           | 7692  |               |

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Compositions and methods for the therapy and diagnosis of cancer, particularly prostate cancer, are disclosed. Illustrative compositions comprise one or more prostate-specific polypeptides, immunogenic portions thereof, polynucleotides that encode such polypeptides, antigen presenting cell that expresses such polypeptides, and T cells that are specific for cells expressing such polypeptides. The disclosed compositions are useful, for example, in the diagnosis prevention and/or treatment of diseases, particularly prostate cancer.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L10 ANSWER 7 OF 42 USPATFULL

ACCESSION NUMBER: 2002:157010 USPATFULL  
TITLE: Compositions and methods for the therapy and diagnosis of breast cancer  
INVENTOR(S): Dillon, Davin C., Issaquah, WA, UNITED STATES  
Day, Craig H., Shoreline, WA, UNITED STATES  
Jiang, Yuqiu, Kent, WA, UNITED STATES  
Houghton, Raymond L., Bothell, WA, UNITED STATES  
Mitcham, Jennifer L., Redmond, WA, UNITED STATES  
Wang, Tongtong, Medina, WA, UNITED STATES  
McNeill, Patricia D., Federal Way, WA, UNITED STATES  
Harlocker, Susan L., Seattle, WA, UNITED STATES

|                       | NUMBER  | KIND | DATE         |
|-----------------------|---|------|--------------|
| PATENT INFORMATION:   | US 2002081609   | A1   | 20020627     |
| APPLICATION INFO.:    | US 2001-910689  | A1   | 20010720 (9) |
| RELATED APPLN. INFO.: | Continuation-in-part of Ser. No. US 2001-778320, filed on 6 Feb 2001, PENDING Continuation-in-part of Ser. No. US 2000-571025, filed on 15 May 2000, ABANDONED<br>Continuation-in-part of Ser. No. US 2000-545068, filed on 7 Apr 2000, PENDING Continuation-in-part of Ser. No. US 2000-523586, filed on 10 Mar 2000, ABANDONED<br>Continuation-in-part of Ser. No. US 2000-510662, filed on 22 Feb 2000, PENDING Continuation-in-part of Ser. No. US 1999-451651, filed on 30 Nov 1999, PENDING |      |              |
| DOCUMENT TYPE:        | Utility   |      |              |
| FILE SEGMENT:         | APPLICATION   |      |              |
| LEGAL REPRESENTATIVE: | SEED INTELLECTUAL PROPERTY LAW GROUP PLLC, 701 FIFTH AVE, SUITE 6300, SEATTLE, WA, 98104-7092   |      |              |
| NUMBER OF CLAIMS:     | 17  |      |              |
| EXEMPLARY CLAIM:      | 1   |      |              |
| LINE COUNT:           | 8643  |      |              |

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Compositions and methods for the therapy and diagnosis of cancer, particularly breast cancer, are disclosed. Illustrative compositions comprise one or more breast tumor polypeptides, immunogenic portions thereof, polynucleotides that encode such polypeptides, antigen presenting cell that expresses such polypeptides, and T cells that are

specific for cells expressing such polypeptides. The disclosed compositions are useful, for example, in the diagnosis, prevention and/or treatment of diseases, particularly breast cancer.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L10 ANSWER 8 OF 42 USPATFULL

ACCESSION NUMBER: 2002:156724 USPATFULL  
TITLE: Leishmania antigens for use in the therapy and diagnosis of leishmaniasis  
INVENTOR(S): Reed, Steven G., Bellevue, WA, UNITED STATES  
Campos-Neto, Antonio, Bainbridge Island, WA, UNITED STATES  
Webb, John R., Manotick, CANADA  
Dillon, Davin C., Issaquah, WA, UNITED STATES  
Skeiky, Yasir A.W., Bellevue, WA, UNITED STATES  
Bhatia, Ajay, Seattle, WA, UNITED STATES  
Coler, Rhea N., Seattle, WA, UNITED STATES  
Probst, Peter, Seattle, WA, UNITED STATES  
Brannon, Mark, Seattle, WA, UNITED STATES

|                       | NUMBER   | KIND | DATE         |
|-----------------------|--|------|--------------|
| PATENT INFORMATION:   | US 2002081320  | A1   | 20020627     |
| APPLICATION INFO.:    | US 2001-874923   | A1   | 20010604 (9) |
| RELATED APPLN. INFO.: | Continuation-in-part of Ser. No. US 2000-639206, filed on 14 Aug 2000, PENDING Continuation-in-part of Ser. No. US 2000-565501, filed on 5 May 2000, PENDING Continuation-in-part of Ser. No. US 2000-551974, filed on 14 Apr 2000, PENDING Continuation-in-part of Ser. No. US 1998-183861, filed on 30 Oct 1998, PENDING Continuation-in-part of Ser. No. US 1998-22765, filed on 12 Feb 1998, PENDING Continuation-in-part of Ser. No. US 1997-920609, filed on 27 Aug 1997, PENDING Continuation-in-part of Ser. No. US 1997-798841, filed on 12 Feb 1997, PENDING Continuation-in-part of Ser. No. US 1995-533669, filed on 22 Sep 1995, GRANTED, Pat. No. US 5834592 |      |              |
| DOCUMENT TYPE:        | Utility  |      |              |
| FILE SEGMENT:         | APPLICATION  |      |              |
| LEGAL REPRESENTATIVE: | SEED INTELLECTUAL PROPERTY LAW GROUP PLLC, 701 FIFTH AVE, SUITE 6300, SEATTLE, WA, 98104-7092  |      |              |
| NUMBER OF CLAIMS:     | 23   |      |              |
| EXEMPLARY CLAIM:      | 1  |      |              |
| NUMBER OF DRAWINGS:   | 33 Drawing Page(s)   |      |              |
| LINE COUNT:           | 7337   |      |              |

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Compositions and methods for preventing, treating and detecting leishmaniasis and stimulating immune responses in patients are disclosed. The compounds provided include polypeptides that contain at least an immunogenic portion of one or more Leishmania antigens, or a variant thereof. Vaccines and pharmaceutical compositions comprising such polypeptides, or polynucleotides encoding such polypeptides, are also provided and may be used, for example, for the prevention and therapy of leishmaniasis, as well as for the detection of Leishmania infection.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L10 ANSWER 9 OF 42 USPATFULL

ACCESSION NUMBER: 2002:148580 USPATFULL  
TITLE: Compositions and methods for the therapy and diagnosis of pancreatic cancer  
INVENTOR(S): Pyle, Ruth A., Seattle, WA, UNITED STATES  
Xu, Jiangchun, Bellevue, WA, UNITED STATES

PATENT ASSIGNEE(S): Kalos, Michael D., Seattle, WA, UNITED STATES  
Corixa Corporation, Seattle, WA, UNITED STATES, 98104  
(U.S. corporation)

|                     | NUMBER         | KIND | DATE         |
|---------------------|----------------|------|--------------|
| PATENT INFORMATION: | US 2002076721  | A1   | 20020620     |
| APPLICATION INFO.:  | US 2001-923779 | A1   | 20010806 (9) |

|                       | NUMBER   | DATE          |
|-----------------------|--|---------------|
| PRIORITY INFORMATION: | US 2001-291201P  | 20010515 (60) |
|                       | US 2001-265447P  | 20010130 (60) |
|                       | US 2000-223130P  | 20000807 (60) |
| DOCUMENT TYPE:        | Utility  |               |
| FILE SEGMENT:         | APPLICATION  |               |
| LEGAL REPRESENTATIVE: | SEED INTELLECTUAL PROPERTY LAW GROUP PLLC, 701 FIFTH<br>AVE, SUITE 6300, SEATTLE, WA, 98104-7092 |               |
| NUMBER OF CLAIMS:     | 17   |               |
| EXEMPLARY CLAIM:      | 1  |               |
| LINE COUNT:           | 6456   |               |

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Compositions and methods for the therapy and diagnosis of cancer, particularly pancreatic cancer, are disclosed. Illustrative compositions comprise one or more pancreatic tumor polypeptides, immunogenic portions thereof, polynucleotides that encode such polypeptides, antigen presenting cell that expresses such polypeptides, and T cells that are specific for cells expressing such polypeptides. The disclosed compositions are useful, for example, in the diagnosis, prevention and/or treatment of diseases, particularly pancreatic cancer.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L10 ANSWER 10 OF 42 USPATFULL

ACCESSION NUMBER: 2002:148277 USPATFULL

TITLE: Compounds for immunotherapy and diagnosis of colon cancer and methods for their use

INVENTOR(S): Xu, Jiangchun, Bellevue, WA, UNITED STATES  
Lodes, Michael J., Seattle, WA, UNITED STATES  
Secrist, Heather, Seattle, WA, UNITED STATES  
Benson, Darin R., Seattle, WA, UNITED STATES  
Meagher, Madeleine Joy, Seattle, WA, UNITED STATES  
Stolk, John A., Bothell, WA, UNITED STATES  
Wang, Tongtong, Medina, WA, UNITED STATES  
Jiang, Yuqiu, Kent, WA, UNITED STATES  
Smith, Carole L., Seattle, WA, UNITED STATES  
King, Gordon E., Shoreline, WA, UNITED STATES  
Wang, Aijun, Issaquah, WA, UNITED STATES  
Clapper, Jonathan D., Seattle, WA, UNITED STATES

PATENT ASSIGNEE(S): Corixa Corporation, Seattle, WA, UNITED STATES, 98104  
(U.S. corporation)

|                       | NUMBER   | KIND | DATE         |
|-----------------------|--|------|--------------|
| PATENT INFORMATION:   | US 2002076414  | A1   | 20020620     |
| APPLICATION INFO.:    | US 2001-922217   | A1   | 20010803 (9) |
| RELATED APPLN. INFO.: | Continuation-in-part of Ser. No. US 2001-833263, filed on 10 Apr 2001, PENDING Continuation-in-part of Ser. No. US 2000-649811, filed on 28 Aug 2000, PENDING Continuation-in-part of Ser. No. US 2000-609448, filed on 29 Jun 2000, PENDING Continuation-in-part of Ser. No. US 2000-575251, filed on 19 May 2000, PENDING Continuation-in-part of Ser. No. US 2000-519444, filed on 6 Mar 2000, PENDING Continuation-in-part of Ser. No. US 2000-504629, filed on 15 Feb 2000, PENDING |      |              |



Continuation-in-part of Ser. No. US 2000-480321, filed on 10 Jan 2000, ABANDONED Continuation-in-part of Ser. No. US 1999-476296, filed on 30 Dec 1999, PENDING Continuation-in-part of Ser. No. US 1999-454150, filed on 2 Dec 1999, ABANDONED Continuation-in-part of Ser. No. US 2000-444252, filed on 10 Apr 2000, PENDING Continuation-in-part of Ser. No. US 1999-401064, filed on 22 Sep 1999, PENDING Continuation-in-part of Ser. No. US 1999-347496, filed on 2 Jul 1999, PENDING Continuation-in-part of Ser. No. US 1998-221298, filed on 23 Dec 1998, PATENTED

|  | NUMBER  | DATE     |
|--|---|----------|
|  | -----   | -----    |
| PRIORITY INFORMATION:                      | WO 1999-US30909   | 19991223 |
| DOCUMENT TYPE:                             | Utility   |          |
| FILE SEGMENT:                              | APPLICATION   |          |
| LEGAL REPRESENTATIVE:                      | SEED INTELLECTUAL PROPERTY LAW GROUP PLLC, 701 FIFTH AVE, SUITE 6300, SEATTLE, WA, 98104-7092   |          |
| NUMBER OF CLAIMS:                          | 17  |          |
| EXEMPLARY CLAIM:                           | 1   |          |
| LINE COUNT:                                | 4905  |          |
| CAS INDEXING IS AVAILABLE FOR THIS PATENT. |   |          |
| AB   | Compositions and methods for the therapy and diagnosis of cancer, such as colon cancer, are disclosed. Compositions may comprise one or more colon tumor proteins, immunogenic portions thereof, or polynucleotides that encode such portions. Alternatively, a therapeutic composition may comprise an antigen presenting cell that expresses a colon tumor protein, or a T cell that is specific for cells expressing such a protein. Such compositions may be used, for example, for the prevention and treatment of diseases such as colon cancer. Diagnostic methods based on detecting a colon tumor protein, or mRNA encoding such a protein, in a sample are also provided. |          |

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L10 ANSWER 11 OF 42 USPATFULL  
 ACCESSION NUMBER: 2002:133434 USPATFULL  
 TITLE: Compositions and methods for the therapy and diagnosis of breast cancer  
 INVENTOR(S): Frudakis, Tony N., Sarasota, FL, UNITED STATES  
 Reed, Steven G., Bellevue, WA, UNITED STATES  
 Smith, John M., Columbia Heights, MN, UNITED STATES  
 Misher, Lynda E., Seattle, WA, UNITED STATES  
 Dillon, Davin C., Issaquah, WA, UNITED STATES  
 Retter, Marc W., Carnation, WA, UNITED STATES  
 Wang, Aijun, Issaquah, WA, UNITED STATES  
 Skeiky, Yasir A. W., Bellevue, WA, UNITED STATES  
 Harlocker, Susan L., Seattle, WA, UNITED STATES  
 Day, Craig H., Seattle, WA, UNITED STATES

|                       | NUMBER  | KIND  | DATE         |
|-----------------------|---|-------|--------------|
|                       | -----   | ----- | -----        |
| PATENT INFORMATION:   | US 2002068285   | A1    | 20020606     |
| APPLICATION INFO.:    | US 2001-810936  | A1    | 20010316 (9) |
| RELATED APPLN. INFO.: | Continuation-in-part of Ser. No. US 2000-699295, filed on 26 Oct 2000, PENDING Continuation-in-part of Ser. No. US 2000-590583, filed on 8 Jun 2000, PENDING Continuation-in-part of Ser. No. US 2000-577505, filed on 24 May 2000, PENDING Continuation-in-part of Ser. No. US 2000-534825, filed on 23 Mar 2000, PENDING Continuation-in-part of Ser. No. US 1999-429755, filed on 28 Oct 1999, PENDING Continuation-in-part of Ser. No. US 1999-289198, filed on 9 Apr 1999, PENDING Continuation-in-part of Ser. No. US 1998-62451, filed |       |              |

on 17 Apr 1998, PENDING Continuation-in-part of Ser.  
No. US 1997-991789, filed on 11 Dec 1997, GRANTED, Pat.  
No. US 6225054 Continuation-in-part of Ser. No. US  
1997-838762, filed on 9 Apr 1997, ABANDONED  
Continuation-in-part of Ser. No. US 1996-700014, filed  
on 20 Aug 1996, ABANDONED Continuation-in-part of Ser.  
No. US 1996-585392, filed on 11 Jan 1996, ABANDONED

DOCUMENT TYPE: Utility  
FILE SEGMENT: APPLICATION  
LEGAL REPRESENTATIVE: SEED INTELLECTUAL PROPERTY LAW GROUP PLLC, 701 FIFTH  
AVE, SUITE 6300, SEATTLE, WA, 98104-7092  
NUMBER OF CLAIMS: 17  
EXEMPLARY CLAIM: 1  
NUMBER OF DRAWINGS: 22 Drawing Page(s)  
LINE COUNT: 8540

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Compositions and methods for the therapy and diagnosis of cancer,  
particularly breast cancer, are disclosed. Illustrative compositions  
comprise one or more breast tumor polypeptides, immunogenic portions  
thereof, polynucleotides that encode such polypeptides, antigen  
presenting cell that expresses such polypeptides, and T cells that are  
specific for cells expressing such polypeptides. The disclosed  
compositions are useful, for example, in the diagnosis, prevention  
and/or treatment of diseases, particularly breast cancer.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L10 ANSWER 12 OF 42 USPATFULL

ACCESSION NUMBER: 2002:119860 USPATFULL  
TITLE: Compounds and methods for treatment and diagnosis of  
chlamydial infection  
INVENTOR(S): Bhatia, Ajay, Seattle, WA, UNITED STATES  
Skeiky, Yasir A.W., Bellevue, WA, UNITED STATES  
Probst, Peter, Seattle, WA, UNITED STATES

|                       | NUMBER   | KIND | DATE         |
|-----------------------|--|------|--------------|
| PATENT INFORMATION:   | US 2002061848  | A1   | 20020523     |
| APPLICATION INFO.:    | US 2001-841132   | A1   | 20010423 (9) |
| RELATED APPLN. INFO.: | Continuation-in-part of Ser. No. US 2000-620412, filed<br>on 20 Jul 2000, UNKNOWN                |      |              |
| DOCUMENT TYPE:        | Utility  |      |              |
| FILE SEGMENT:         | APPLICATION  |      |              |
| LEGAL REPRESENTATIVE: | SEED INTELLECTUAL PROPERTY LAW GROUP PLLC, 701 FIFTH<br>AVE, SUITE 6300, SEATTLE, WA, 98104-7092 |      |              |
| NUMBER OF CLAIMS:     | 18   |      |              |
| EXEMPLARY CLAIM:      | 1  |      |              |
| NUMBER OF DRAWINGS:   | 11 Drawing Page(s)   |      |              |
| LINE COUNT:           | 5318   |      |              |

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Compounds and methods for the diagnosis and treatment of Chlamydial  
infection are disclosed. The compounds provided include polypeptides  
that contain at least one antigenic portion of a Chlamydia antigen and  
DNA sequences encoding such polypeptides. Pharmaceutical compositions  
and vaccines comprising such polypeptides or DNA sequences are also  
provided, together with antibodies directed against such polypeptides.  
Diagnostic kits containing such polypeptides or DNA sequences and a  
suitable detection reagent may be used for the detection of Chlamydial  
infection in patients and in biological samples.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L10 ANSWER 13 OF 42 USPATFULL

ACCESSION NUMBER: 2002:99428 USPATFULL  
TITLE: Compositions and methods for the therapy and diagnosis

## INVENTOR(S):

of lung cancer  
Wang, Tongtong, Medina, WA, UNITED STATES  
Fan, Liqun, Bellevue, WA, UNITED STATES  
Kalos, Michael D., Seattle, WA, UNITED STATES  
Bangur, Chaitanya S., Seattle, WA, UNITED STATES  
Hosken, Nancy A., Seattle, WA, UNITED STATES  
Fanger, Gary R., Mill Creek, WA, UNITED STATES  
Li, Samuel X., Redmond, WA, UNITED STATES  
Wang, Aijun, Issaquah, WA, UNITED STATES  
Skeiky, Yasir A. W., Bellevue, WA, UNITED STATES  
Henderson, Robert A., Edmonds, WA, UNITED STATES  
McNeill, Patricia D., Des Moines, WA, UNITED STATES  
Fanger, Neil, Seattle, WA, UNITED STATES

|  | NUMBER  | KIND | DATE         |
|--|---|------|--------------|
| PATENT INFORMATION:                        | US 2002052329   | A1   | 20020502     |
| APPLICATION INFO.:                         | US 2000-735705  | A1   | 20001212 (9) |
| RELATED APPLN. INFO.:                      | Continuation-in-part of Ser. No. US 2000-685696, filed on 9 Oct 2000, PENDING Continuation-in-part of Ser. No. US 2000-662786, filed on 15 Sep 2000, PENDING Continuation-in-part of Ser. No. US 2000-643597, filed on 21 Aug 2000, PENDING Continuation-in-part of Ser. No. US 2000-630940, filed on 2 Aug 2000, PENDING Continuation-in-part of Ser. No. US 2000-606421, filed on 28 Jun 2000, PENDING Continuation-in-part of Ser. No. US 2000-542615, filed on 4 Apr 2000, PENDING Continuation-in-part of Ser. No. US 2000-510376, filed on 22 Feb 2000, PENDING Continuation-in-part of Ser. No. US 2000-480884, filed on 10 Jan 2000, PENDING Continuation-in-part of Ser. No. US 1999-476496, filed on 30 Dec 1999, PENDING Continuation-in-part of Ser. No. US 1999-466396, filed on 17 Dec 1999, PENDING Continuation-in-part of Ser. No. US 1999-285479, filed on 2 Apr 1999, PENDING Continuation-in-part of Ser. No. US 1998-221107, filed on 22 Dec 1998, PENDING Continuation-in-part of Ser. No. US 1998-123912, filed on 27 Jul 1998, GRANTED, Pat. No. US 6312695 Continuation-in-part of Ser. No. US 1998-40802, filed on 18 Mar 1998, PENDING |      |              |
| DOCUMENT TYPE:                             | Utility   |      |              |
| FILE SEGMENT:                              | APPLICATION   |      |              |
| LEGAL REPRESENTATIVE:                      | SEED INTELLECTUAL PROPERTY LAW GROUP PLLC, 701 FIFTH AVE, SUITE 6300, SEATTLE, WA, 98104-7092   |      |              |
| NUMBER OF CLAIMS:                          | 18  |      |              |
| EXEMPLARY CLAIM:                           | 1   |      |              |
| NUMBER OF DRAWINGS:                        | 3 Drawing Page(s)   |      |              |
| LINE COUNT:                                | 13060   |      |              |
| CAS INDEXING IS AVAILABLE FOR THIS PATENT. |   |      |              |

AB Compositions and methods for the therapy and diagnosis of cancer, particularly lung cancer, are disclosed. Illustrative compositions comprise one or more lung tumor polypeptides, immunogenic portions thereof, polynucleotides that encode such polypeptides, antigen presenting cell that expresses such polypeptides, and T cells that are specific for cells expressing such polypeptides. The disclosed compositions are useful, for example, in the diagnosis, prevention and/or treatment of diseases, particularly lung cancer.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L10 ANSWER 14 OF 42 USPATFULL

ACCESSION NUMBER: 2002:99081 USPATFULL

TITLE: Compositions and methods for the therapy and diagnosis of prostate cancer

INVENTOR(S): Xu, Jiangchun, Bellevue, WA, UNITED STATES

Dillon, Davin C., Issaquah, WA, UNITED STATES  
 Mitcham, Jennifer L., Redmond, WA, UNITED STATES  
 Harlocker, Susan L., Seattle, WA, UNITED STATES  
 Jiang, Yuqiu, Kent, WA, UNITED STATES  
 Kalos, Michael D., Seattle, WA, UNITED STATES  
 Fanger, Gary R., Mill Creek, WA, UNITED STATES  
 Retter, Marc W., Carnation, WA, UNITED STATES  
 Stolk, John A., Bothell, WA, UNITED STATES  
 Day, Craig H., Seattle, WA, UNITED STATES  
 Vedvick, Thomas S., Federal Way, WA, UNITED STATES  
 Carter, Darrick, Seattle, WA, UNITED STATES  
 Li, Samuel X., Redmond, WA, UNITED STATES  
 Wang, Aijun, Issaquah, WA, UNITED STATES  
 Skeiky, Yasir A. W., Bellevue, WA, UNITED STATES  
 Hepler, William T., Seattle, WA, UNITED STATES  
 Henderson, Robert A., Edmonds, WA, UNITED STATES  
 Hural, John, Bainbridge Island, WA, UNITED STATES  
 McNeill, Patricia D., Des Moines, WA, UNITED STATES  
 Houghton, Raymond L., Bothell, WA, UNITED STATES

|                       | NUMBER  | KIND | DATE         |
|-----------------------|---|------|--------------|
| PATENT INFORMATION:   | US 2002051977   | A1   | 20020502     |
| APPLICATION INFO.:    | US 2001-780669  | A1   | 20010209 (9) |
| RELATED APPLN. INFO.: | Continuation-in-part of Ser. No. US 2001-759143, filed on 12 Jan 2001, PENDING Continuation-in-part of Ser. No. US 2000-709729, filed on 9 Nov 2000, PENDING Continuation-in-part of Ser. No. US 2000-685166, filed on 10 Oct 2000, PENDING Continuation-in-part of Ser. No. US 2000-679426, filed on 2 Oct 2000, PENDING Continuation-in-part of Ser. No. US 2000-657279, filed on 6 Sep 2000, PENDING Continuation-in-part of Ser. No. US 2000-651236, filed on 29 Aug 2000, PENDING Continuation-in-part of Ser. No. US 2000-636215, filed on 10 Aug 2000, PENDING Continuation-in-part of Ser. No. US 2000-605783, filed on 27 Jun 2000, PENDING Continuation-in-part of Ser. No. US 2000-593793, filed on 13 Jun 2000, PENDING Continuation-in-part of Ser. No. US 2000-510737, filed on 1 May 2000, GRANTED, Pat. No. US 6219981 Continuation-in-part of Ser. No. US 2000-568100, filed on 9 May 2000, PENDING Continuation-in-part of Ser. No. US 2000-536857, filed on 27 Mar 2000, PENDING Continuation-in-part of Ser. No. US 2000-483672, filed on 14 Jan 2000, PENDING Continuation-in-part of Ser. No. US 1999-443686, filed on 18 Nov 1999, ABANDONED Continuation-in-part of Ser. No. US 1999-439313, filed on 12 Nov 1999, PENDING Continuation-in-part of Ser. No. US 1999-352616, filed on 13 Jul 1999, PENDING Continuation-in-part of Ser. No. US 1999-288946, filed on 9 Apr 1999, PENDING Continuation-in-part of Ser. No. US 1999-232149, filed on 15 Jan 1999, PENDING Continuation-in-part of Ser. No. US 1998-159812, filed on 23 Sep 1998, PENDING Continuation-in-part of Ser. No. US 1998-115453, filed on 14 Jul 1998, PENDING Continuation-in-part of Ser. No. US 1998-30607, filed on 25 Feb 1998, GRANTED, Pat. No. US 6262245 Continuation-in-part of Ser. No. US 1998-20956, filed on 9 Feb 1998, GRANTED, Pat. No. US 6261562 Continuation-in-part of Ser. No. US 1997-904804, filed on 1 Aug 1997, ABANDONED Continuation-in-part of Ser. No. US 1997-806099, filed on 25 Feb 1997, ABANDONED Continuation-in-part of Ser. No. WO 1998-US3492, filed on 25 Feb 1998, UNKNOWN Continuation-in-part of Ser. No. WO 1999-US15838, filed on 14 Jul 1999, UNKNOWN |      |              |

DOCUMENT TYPE: Utility  
FILE SEGMENT: APPLICATION  
LEGAL REPRESENTATIVE: SEED INTELLECTUAL PROPERTY LAW GROUP PLLC, 701 FIFTH  
AVE, SUITE 6300, SEATTLE, WA, 98104-7092  
NUMBER OF CLAIMS: 17  
EXEMPLARY CLAIM: 1  
NUMBER OF DRAWINGS: 14 Drawing Page(s)  
LINE COUNT: 7556

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Compositions and methods for the therapy and diagnosis of cancer, particularly prostate cancer, are disclosed. Illustrative compositions comprise one or more prostate-specific polypeptides, immunogenic portions thereof, polynucleotides that encode such polypeptides, antigen presenting cell that expresses such polypeptides, and T cells that are specific for cells expressing such polypeptides. The disclosed compositions are useful, for example, in the diagnosis, prevention and/or treatment of diseases, particularly prostate cancer.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L10 ANSWER 15 OF 42 USPATFULL

ACCESSION NUMBER: 2002:72987 USPATFULL  
TITLE: Compositions and methods for the therapy and diagnosis of colon cancer  
INVENTOR(S): Jiang, Yuqiu, Kent, WA, UNITED STATES  
Hepler, William T., Seattle, WA, UNITED STATES  
Clapper, Jonathan D., Seattle, WA, UNITED STATES  
Wang, Aijun, Issaquah, WA, UNITED STATES  
Secrist, Heather, Seattle, WA, UNITED STATES

|                     | NUMBER         | KIND | DATE         |
|---------------------|----------------|------|--------------|
| PATENT INFORMATION: | US 2002040127  | A1   | 20020404     |
| APPLICATION INFO.:  | US 2001-878722 | A1   | 20010608 (9) |

|                       | NUMBER          | DATE          |
|-----------------------|-----------------|---------------|
| PRIORITY INFORMATION: | US 2000-256571P | 20001218 (60) |
|                       | US 2000-210821P | 20000609 (60) |
|                       | US 2001-290240P | 20010510 (60) |

DOCUMENT TYPE: Utility  
FILE SEGMENT: APPLICATION  
LEGAL REPRESENTATIVE: SEED INTELLECTUAL PROPERTY LAW GROUP PLLC, 701 FIFTH  
AVE, SUITE 6300, SEATTLE, WA, 98104-7092  
NUMBER OF CLAIMS: 17  
EXEMPLARY CLAIM: 1  
LINE COUNT: 8110

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Compositions and methods for the therapy and diagnosis of cancer, such as colon cancer, are disclosed. Compositions may comprise one or more colon tumor proteins, immunogenic portions thereof, or polynucleotides that encode such portions. Alternatively, a therapeutic composition may comprise an antigen presenting cell that expresses a colon tumor protein, or a T cell that is specific for cells expressing such a protein. Such compositions may be used, for example, for the prevention and treatment of diseases such as colon cancer. Diagnostic methods based on detecting a colon tumor protein, or mRNA encoding such a protein, in a sample are also provided.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L10 ANSWER 16 OF 42 USPATFULL

ACCESSION NUMBER: 2002:37531 USPATFULL  
TITLE: Compositions and methods for the therapy and diagnosis of prostate cancer

## INVENTOR(S):

Xu, Jiangchun, Bellevue, WA, UNITED STATES  
 Dillon, Davin C., Issaquah, WA, UNITED STATES  
 Mitcham, Jennifer L., Redmond, WA, UNITED STATES  
 Harlocker, Susan L., Seattle, WA, UNITED STATES  
 Jiang, Yuqiu, Kent, WA, UNITED STATES  
 Kalos, Michael D., Seattle, WA, UNITED STATES  
 Fanger, Gary R., Mill Creek, WA, UNITED STATES  
 Retter, Marc W., Carnation, WA, UNITED STATES  
 Stolk, John A., Bothell, WA, UNITED STATES  
 Day, Craig H., Seattle, WA, UNITED STATES  
 Vedvick, Thomas S., Federal Way, WA, UNITED STATES  
 Carter, Darrick, Seattle, WA, UNITED STATES  
 Li, Samuel X., Redmond, WA, UNITED STATES  
 Wang, Aijun, Issaquah, WA, UNITED STATES  
 Skeiky, Yasir A. W., Bellevue, WA, UNITED STATES  
 Hepler, William T., Seattle, WA, UNITED STATES  
 Henderson, Robert A., Edmonds, WA, UNITED STATES

|  | NUMBER  | KIND | DATE         |
|--|---|------|--------------|
| PATENT INFORMATION:                        | US 2002022248   | A1   | 20020221     |
| APPLICATION INFO.:                         | US 2001-759143  | A1   | 20010112 (9) |
| RELATED APPLN. INFO.:                      | Continuation-in-part of Ser. No. US 2000-685166, filed on 10 Oct 2000, PENDING Continuation-in-part of Ser. No. US 2000-679426, filed on 2 Oct 2000, PENDING Continuation-in-part of Ser. No. US 2000-657279, filed on 6 Sep 2000, PENDING Continuation-in-part of Ser. No. US 2000-651236, filed on 29 Aug 2000, PENDING Continuation-in-part of Ser. No. US 2000-636215, filed on 10 Aug 2000, PENDING Continuation-in-part of Ser. No. US 2000-605783, filed on 27 Jun 2000, PENDING Continuation-in-part of Ser. No. US 2000-593793, filed on 13 Jun 2000, PENDING Continuation-in-part of Ser. No. US 2000-570737, filed on 12 May 2000, PENDING Continuation-in-part of Ser. No. US 2000-568100, filed on 9 May 2000, PENDING Continuation-in-part of Ser. No. US 2000-536857, filed on 27 Mar 2000, PENDING Continuation-in-part of Ser. No. US 2000-483672, filed on 14 Jan 2000, PENDING Continuation-in-part of Ser. No. US 1999-443686, filed on 18 Nov 1999, ABANDONED Continuation-in-part of Ser. No. US 1999-439313, filed on 12 Nov 1999, PENDING Continuation-in-part of Ser. No. US 1999-352616, filed on 13 Jul 1999, PENDING Continuation-in-part of Ser. No. US 1999-288946, filed on 9 Apr 1999, PENDING Continuation-in-part of Ser. No. US 1999-232149, filed on 15 Jan 1999, PENDING Continuation-in-part of Ser. No. US 1998-159812, filed on 23 Sep 1998, PENDING Continuation-in-part of Ser. No. US 1998-115453, filed on 14 Jul 1998, PENDING Continuation-in-part of Ser. No. US 1998-30607, filed on 25 Feb 1998, GRANTED, Pat. No. US 6262245 Continuation-in-part of Ser. No. US 1998-20956, filed on 9 Feb 1998, GRANTED, Pat. No. US 6261562 Continuation-in-part of Ser. No. US 1997-904804, filed on 1 Aug 1997, ABANDONED Continuation-in-part of Ser. No. US 1997-806099, filed on 25 Feb 1997, ABANDONED |      |              |
| DOCUMENT TYPE:                             | Utility   |      |              |
| FILE SEGMENT:                              | APPLICATION   |      |              |
| LEGAL REPRESENTATIVE:                      | SEED INTELLECTUAL PROPERTY LAW GROUP PLLC, 701 FIFTH AVE, SUITE 6300, SEATTLE, WA, 98104-7092   |      |              |
| NUMBER OF CLAIMS:                          | 17  |      |              |
| EXEMPLARY CLAIM:                           | 1   |      |              |
| NUMBER OF DRAWINGS:                        | 14 Drawing Page(s)  |      |              |
| LINE COUNT:                                | 7383  |      |              |
| CAS INDEXING IS AVAILABLE FOR THIS PATENT. |   |      |              |

AB Compositions and methods for the therapy and diagnosis of cancer, particularly prostate cancer, are disclosed. Illustrative compositions comprise one or more prostate-specific polypeptides, immunogenic portions thereof, polynucleotides that encode such polypeptides, antigen presenting cell that expresses such polypeptides, and T cells that are specific for cells expressing such polypeptides. The disclosed compositions are useful, for example, in the diagnosis, prevention and/or treatment of diseases, particularly prostate cancer.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L10 ANSWER 17 OF 42 USPATFULL

ACCESSION NUMBER: 2002:16583 USPATFULL

TITLE: **FUSION PROTEINS OF MYCOBACTERIUM TUBERCULOSIS ANTIGENS AND THEIR USES**

INVENTOR(S): REED, STEVEN G., BELLEVUE, WA, UNITED STATES  
SKEIKY, YASIR A., SEATTLE, WA, UNITED STATES  
DILLON, DAVIN C., REDMOND, WA, UNITED STATES  
ALDERSON, MARK, BAINBRIDGE ISLAND, WA, UNITED STATES  
CAMPOS-NETO, ANTONIO, BAINBRIDGE, WA, UNITED STATES

|                       | NUMBER  | KIND | DATE         |
|-----------------------|---|------|--------------|
| PATENT INFORMATION:   | US 2002009459   | A1   | 20020124     |
| APPLICATION INFO.:    | US 1999-287849  | A1   | 19990407 (9) |
| RELATED APPLN. INFO.: | Continuation-in-part of Ser. No. US 1998-223040, filed on 30 Dec 1998, PENDING<br>Continuation-in-part of Ser. No. US 1998-56556, filed on 7 Apr 1998, PENDING<br>Continuation-in-part of Ser. No. US 1998-25197, filed on 18 Feb 1998, ABANDONED<br>Continuation-in-part of Ser. No. US 1997-942578, filed on 1 Oct 1997, ABANDONED<br>Continuation-in-part of Ser. No. US 1997-818112, filed on 13 Mar 1997, GRANTED, Pat. No. US 6290969 |      |              |
| DOCUMENT TYPE:        | Utility   |      |              |
| FILE SEGMENT:         | APPLICATION   |      |              |
| LEGAL REPRESENTATIVE: | ANNETTE S. PARENT, TOWNSEND AND TOWNSEND AND CREW LLP, TWO EMBARCADERO CENTER, 8TH FLOOR, SAN FRANCISCO, CA, 94111-3834   |      |              |
| NUMBER OF CLAIMS:     | 13  |      |              |
| EXEMPLARY CLAIM:      | 1   |      |              |
| NUMBER OF DRAWINGS:   | 47 Drawing Page(s)  |      |              |
| LINE COUNT:           | 1524  |      |              |

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The present invention relates to **fusion proteins** containing at least two **Mycobacterium tuberculosis** antigens. In particular, it relates to **bi-fusion proteins** which contain two individual M. tuberculosis antigens, **tri-fusion proteins** which contain three M. tuberculosis antigens, **tetra-fusion proteins** which contain four M. tuberculosis antigens, and **penta-fusion proteins** which contain five M. tuberculosis antigens, and methods for their use in the diagnosis, treatment and prevention of tuberculosis infection.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L10 ANSWER 18 OF 42 USPATFULL

ACCESSION NUMBER: 2002:8491 USPATFULL

TITLE: Compositions and methods for the therapy and diagnosis of ovarian cancer

INVENTOR(S): Xu, Jiangchun, Bellevue, WA, UNITED STATES  
Stolk, John A., Bothell, WA, UNITED STATES  
Algate, Paul A., Issaquah, WA, UNITED STATES  
Fling, Steven P., Bainbridge Island, WA, UNITED STATES

|                       | NUMBER   | KIND | DATE         |
|-----------------------|--|------|--------------|
| PATENT INFORMATION:   | US 2002004491  | A1   | 20020110     |
| APPLICATION INFO.:    | US 2001-825294   | A1   | 20010403 (9) |
| RELATED APPLN. INFO.: | Continuation-in-part of Ser. No. US 2000-713550, filed on 14 Nov 2000, PENDING Continuation-in-part of Ser. No. US 2000-656668, filed on 7 Sep 2000, PENDING Continuation-in-part of Ser. No. US 2000-640173, filed on 15 Aug 2000, PENDING Continuation-in-part of Ser. No. US 2000-561778, filed on 1 May 2000, PENDING Continuation-in-part of Ser. No. US 1999-394374, filed on 10 Sep 1999, ABANDONED |      |              |
| DOCUMENT TYPE:        | Utility  |      |              |
| FILE SEGMENT:         | APPLICATION  |      |              |
| LEGAL REPRESENTATIVE: | SEED INTELLECTUAL PROPERTY LAW GROUP PLLC, 701 FIFTH AVE, SUITE 6300, SEATTLE, WA, 98104-7092  |      |              |
| NUMBER OF CLAIMS:     | 18   |      |              |
| EXEMPLARY CLAIM:      | 1  |      |              |
| LINE COUNT:           | 7385   |      |              |

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Compositions and methods for the therapy and diagnosis of cancer, particularly ovarian cancer, are disclosed. Illustrative compositions comprise one or more ovarian tumor polypeptides, immunogenic portions thereof, polynucleotides that encode such polypeptides, antigen presenting cell that expresses such polypeptides, and T cells that are specific for cells expressing such polypeptides. The disclosed compositions are useful, for example, in the diagnosis, prevention and/or treatment of diseases, particularly ovarian cancer.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L10 ANSWER 19 OF 42 USPATFULL

ACCESSION NUMBER: 2002:188122 USPATFULL  
 TITLE: Compositions and methods for the therapy and diagnosis of lung cancer  
 INVENTOR(S): Wang, Tongtong, Medina, WA, United States  
 Fan, Liqun, Bellevue, WA, United States  
 Kalos, Michael D., Seattle, WA, United States  
 Bangur, Chaitanya S., Seattle, WA, United States  
 Hosken, Nancy A., Seattle, WA, United States  
 Fanger, Gary R., Mill Creek, WA, United States  
 Li, Samuel X., Redmond, WA, United States  
 Wang, Aijun, Issaquah, WA, United States  
 Skeiky, Yasir A. W., Bellevue, WA, United States  
 Henderson, Robert A., Edmonds, WA, United States  
 McNeill, Patricia D., Des Moines, WA, United States  
 PATENT ASSIGNEE(S): Corixa Corporation, Seattle, WA, United States (U.S. corporation)

|                       | NUMBER   | KIND | DATE         |
|-----------------------|--|------|--------------|
| PATENT INFORMATION:   | US 6426072   | B1   | 20020730     |
| APPLICATION INFO.:    | US 2000-643597   |      | 20000821 (9) |
| RELATED APPLN. INFO.: | Continuation-in-part of Ser. No. US 2000-630940, filed on 2 Aug 2000 |      |              |
| DOCUMENT TYPE:        | Utility  |      |              |
| FILE SEGMENT:         | GRANTED  |      |              |
| PRIMARY EXAMINER:     | Borin, Michael   |      |              |
| ASSISTANT EXAMINER:   | Zhou, Shubo  |      |              |
| LEGAL REPRESENTATIVE: | Seed Intellectual Property Law Group PLLC                            |      |              |
| NUMBER OF CLAIMS:     | 6  |      |              |
| EXEMPLARY CLAIM:      | 1  |      |              |
| NUMBER OF DRAWINGS:   | 0 Drawing Figure(s); 0 Drawing Page(s)                               |      |              |
| LINE COUNT:           | 12270  |      |              |

CAS INDEXING IS AVAILABLE FOR THIS PATENT.



AB Compositions and methods for the therapy and diagnosis of cancer, such as lung cancer, are disclosed. Compositions may comprise one or more lung tumor proteins, immunogenic portions thereof, or polynucleotides that encode such portions. Alternatively, a therapeutic composition may comprise an antigen presenting cell that expresses a lung tumor protein, or a T cell that is specific for cells expressing such a protein. Such compositions may be used, for example, for the prevention and treatment of diseases such as lung cancer. Diagnostic methods based on detecting a lung tumor protein, or mRNA encoding such a protein, in a sample are also provided.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L10 ANSWER 20 OF 42 PCTFULL COPYRIGHT 2002 Univentio  
ACCESSION NUMBER: 2002058534 PCTFULL ED 20020809 EW 200231  
TITLE (ENGLISH): COMPOSITIONS AND METHODS FOR THE THERAPY AND DIAGNOSIS  
OF COLON CANCER  
TITLE (FRENCH): COMPOSITIONS ET METHODES POUR LE TRAITEMENT ET LE  
DIAGNOSTIC DU CANCER DU COLON  
INVENTOR(S): STOLK, John, A.; XU, Jiangchun; CHENAULT, Ruth, A.;  
MEAGHER, Madeleine, Joy; SECRIST, Heather; KING,  
Gordon, E.  
PATENT ASSIGNEE(S): CORIXA CORPORATION, for all designates States except  
US; STOLK, John, A., for US only; XU, Jiangchun, for US  
only; CHENAULT, Ruth, A., for US only; MEAGHER,  
Madeleine, Joy, for US only; SECRIST, Heather, for US  
only; KING, Gordon, E., for US only  
AGENT: CHRISTIANSEN, William, T.  
LANGUAGE OF PUBL.: English  
LANGUAGE OF FILING: English  
DOCUMENT TYPE: Patent  
PATENT INFORMATION:

|                    | NUMBER  | KIND | DATE     |
|--------------------|---|------|----------|
|                    | WO 2002058534   | A2   | 20020801 |
| DESIGNATED STATES  | AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR<br>CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID<br>IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD<br>MG MK MN MW MX MZ NO NZ PH PL PT RO RU SD SE SG SI SK<br>SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW GH GM KE LS<br>MW MZ SD SL SZ TZ UG ZM ZW AM AZ BY KG KZ MD RU TJ TM<br>AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE<br>TR BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG |      |          |
| APPLICATION INFO.: | WO 2001-US43704   | A    | 20011119 |
| PRIORITY INFO.:    | US 2000-60/252,222  |      | 20001120 |
|                    | US 2001-60/267,011  |      | 20010206 |
|                    | US 2001-60/279,670  |      | 20010328 |
|                    | US 2001-60/304,037  |      | 20010710 |

ABEN Compositions and methods for the therapy and diagnosis of cancer, particularly colon cancer, are disclosed. Illustrative compositions comprise one or more colon tumor polypeptides, immunogenic portions thereof, polynucleotides that encode such polypeptides, antigen presenting cell that expresses such polypeptides, and T cells that are specific for cells expressing such polypeptides. The disclosed compositions are useful, for example, in the diagnosis, prevention and/or treatment of diseases, particularly colon cancer.

ABFR La presente invention concerne des compositions et des methodes pour le traitement et le diagnostic d'un cancer, en particulier le cancer du colon. Ces compositions comprennent un ou plusieurs polypeptides de tumeur du colon, des portions immunogenes de ceux-ci, des polynucleotides codant pour ces polypeptides, un antigene dont une cellule exprime ces polypeptides, et des lymphocytes T specifiques des cellules exprimant ces polypeptides. Les compositions decrites dans cette invention sont utiles, par exemple, pour le diagnostic, la prevention et/ou le traitement de maladies, en particulier le cancer du

colon.

L10 ANSWER 21 OF 42 PCTFULL COPYRIGHT 2002 Univentio  
ACCESSION NUMBER: 2002053017 PCTFULL ED 20020723 EW 200228  
TITLE (ENGLISH): COMPOSITIONS AND METHODS FOR THE THERAPY, DIAGNOSIS AND  
MONITORING OF BREAST CANCER  
TITLE (FRENCH): COMPOSITIONS ET METHODES DESTINEES A LA THERAPIE, AU  
DIAGNOSTIC ET LA SURVEILLANCE DU CANCER DU SEIN  
INVENTOR(S): FLING, Steven, P.; FOY, Teresa, M.; CLAPPER, Jonathan,  
D.; WANG, Aijun; JOHNSON, Jeffrey, C.; MCNEILL,  
Patricia, D.; SUTHERLAND, R., Alec  
PATENT ASSIGNEE(S): CORIXA CORPORATION, for all designates States except  
US; FLING, Steven, P., for US only; FOY, Teresa, M.,  
for US only; CLAPPER, Jonathan, D., for US only; WANG,  
Aijun, for US only; JOHNSON, Jeffrey, C., for US only;  
MCNEILL, Patricia, D., for US only; SUTHERLAND, R.,  
Alec, for US only  
AGENT: CHRISTIANSEN, William, T.  
LANGUAGE OF PUBL.: English  
LANGUAGE OF FILING: English  
DOCUMENT TYPE: Patent  
PATENT INFORMATION:

|                    | NUMBER  | KIND | DATE     |
|--------------------|---|------|----------|
|                    | WO 2002053017   | A2   | 20020711 |
| DESIGNATED STATES  | AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR<br>CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID<br>IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD<br>MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI<br>SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW GH<br>GM KE LS MW MZ SD SL SZ TZ UG ZM ZW AM AZ BY KG KZ MD<br>RU TJ TM AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC<br>NL PT SE TR BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN<br>TD TG |      |          |
| APPLICATION INFO.: | WO 2002-US3057  | A    | 20020108 |
| PRIORITY INFO.:    | US 2001-09/757,417  |      | 20010108 |
|                    | US 2001-10/008,045  |      | 20011108 |

ABEN Compositions and methods for the therapy, diagnosis and monitoring of  
breast cancer are disclosed. Compositions may comprise one or more  
mammaglobin epitopes, or antibodies or T cells thereto, and may be used,  
for example, for the prevention and treatment of breast cancer.  
Diagnostic methods based on detecting the presence of mammaglobin  
epitopes, or antibodies or T cells thereto, in a sample are also  
provided. Also provided are methods for detecting RNA encoding  
mammaglobin in patient blood or fractions thereof. These methods may be  
used to detect and/or monitor the progression of breast cancer.

ABFR L'invention concerne des compositions et des methodes destinees a la  
therapie, au diagnostic et a la surveillance du cancer du sein. Les  
compositions peuvent renfermer un ou plusieurs epitopes de mammaglobine  
ou des anticorps ou des lymphocytes T de ceux-ci, et peuvent etre  
utilisees, par exemple, pour la prevention et le traitement du cancer du  
sein. L'invention concerne egalement des methodes diagnostiques fondees  
sur la detection de la presence d'epitopes de mammaglobine, ou  
d'anticorps ou de lymphocytes T de ceux-ci dans un echantillon.  
L'invention concerne enfin des methodes de detection d'un ARN codant une  
mammaglobine dans le sang d'un patient ou dans des fractions du sang.  
Ces methodes peuvent etre mises en oeuvre pour detecter et/ou surveiller  
la progression du cancer du sein.

L10 ANSWER 22 OF 42 PCTFULL COPYRIGHT 2002 Univentio  
ACCESSION NUMBER: 2002047534 PCTFULL ED 20020709 EW 200225  
TITLE (ENGLISH): COMPOSITIONS AND METHODS FOR THE THERAPY AND DIAGNOSIS  
OF LUNG CANCER  
TITLE (FRENCH): COMPOSITIONS ET PROCEDES POUR LA THERAPIE ET LE  
DIAGNOSTIC DU CANCER DES POUMONS

INVENTOR(S): WANG, Tongtong; WANG, Aijun; SKEIKY, Yasir, A.W.; LI, Samuel, X.; KALOS, Michael, D.; HENDERSON, Robert, A.; MCNEILL, Patricia, D.; FANGER, Neil; RETTER, Marc, W.; DURHAM, Margarita; FANGER, Gary, R.; VEDVICK, Thomas, S.; CARTER, Darrick; WATANABE, Yoshihiro; PECKHAM, David, W.; CAI, Feng; FOY, Teresa, M.

PATENT ASSIGNEE(S): CORIXA CORPORATION, for all designates States except US; WANG, Tongtong, for US only; WANG, Aijun, for US only; SKEIKY, Yasir, A.W., for US only; LI, Samuel, X., for US only; KALOS, Michael, D., for US only; HENDERSON, Robert, A., for US only; MCNEILL, Patricia, D., for US only; FANGER, Neil, for US only; RETTER, Marc, W., for US only; DURHAM, Margarita, for US only; FANGER, Gary, R., for US only; VEDVICK, Thomas, S., for US only; CARTER, Darrick, for US only; WATANABE, Yoshihiro, for US only; PECKHAM, David, W., for US only; CAI, Feng, for US only; FOY, Teresa, M., for US only

AGENT: CHRISTIANSEN, William, T.

LANGUAGE OF PUBL.: English

LANGUAGE OF FILING: English

DOCUMENT TYPE: Patent

PATENT INFORMATION:

|                    | NUMBER  | KIND | DATE     |
|--------------------|---|------|----------|
|                    | WO 2002047534   | A2   | 20020620 |
| DESIGNATED STATES  | AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW AM AZ BY KG KZ MD RU TJ TM AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG |      |          |
| APPLICATION INFO.: | WO 2001-US47576   | A    | 20011130 |
| PRIORITY INFO.:    | US 2000-09/735,705  |      | 20001212 |
|                    | US 2001-09/850,716  |      | 20010507 |
|                    | US 2001-09/897,778  |      | 20010628 |

ABEN Compositions and methods for the therapy and diagnosis of cancer, particularly lung cancer, are disclosed. Illustrative compositions comprise one or more lung tumor polypeptides, immunogenic portions thereof, polynucleotides that encode such polypeptides, antigen presenting cell that expresses such polypeptides, and T cells that are specific for cells expressing such polypeptides. The disclosed compositions are useful, for example, in the diagnosis, prevention and/or treatment of diseases, particularly lung cancer.

ABFR L'invention concerne des compositions et des procedes pour la therapie et le diagnostic du cancer, notamment du cancer des poumons. Ces compositions renferment des polypeptides de tumeur pulmonaire, des parties immunogenes de ces derniers, des polynucleotides codant de tels polypeptides. Elle concerne une cellule presentant un antigene exprimant de tels polypeptides, ainsi que des cellules T specifiques aux cellules exprimant ces polypeptides. Ces compositions peuvent, par exemple, etre employees pour le diagnostic, la prevention et/ou le traitement de maladies telles que le cancer des poumons.

L10 ANSWER 23 OF 42 PCTFULL COPYRIGHT 2002 Univentio

ACCESSION NUMBER: 2002041763 PCTFULL ED 20020610 EW 200222

TITLE (ENGLISH): COMPOSITIONS AND METHODS FOR THE THERAPY AND DIAGNOSIS OF COLON CANCER

TITLE (FRENCH): COMPOSITIONS ET METHODES PERMETTANT LE DIAGNOSTIC ET LE TRAITEMENT DU CANCER DU COLON

INVENTOR(S): JIANG, Yuqiu

PATENT ASSIGNEE(S): CORIXA CORPORATION, for all designates States except US; JIANG, Yuqiu, for US only

AGENT: CHRISTIANSEN, William, T.  
LANGUAGE OF PUBL.: English  
LANGUAGE OF FILING: English  
DOCUMENT TYPE: Patent  
PATENT INFORMATION:

|                    | NUMBER   | KIND | DATE     |
|--------------------|--|------|----------|
|                    | WO 2002041763  | A2   | 20020530 |
| DESIGNATED STATES  | AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR<br>CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID<br>IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD<br>MG MK MN MW MX MZ NO NZ PH PL PT RO RU SD SE SG SI SK<br>SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW GH GM KE LS<br>MW MZ SD SL SZ TZ UG ZW AM AZ BY KG KZ MD RU TJ TM AT<br>BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR<br>BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG |      |          |
| APPLICATION INFO.: | WO 2001-US50718  | A    | 20011018 |
| PRIORITY INFO.:    | US 2000-60/242,321   |      | 20001020 |

ABEN Compositions and methods for the therapy and diagnosis of cancer, particularly colon cancer, are disclosed. Illustrative compositions comprise one or more colon tumor polypeptides, immunogenic portions thereof, polynucleotides that encode such polypeptides, antigen presenting cell that expresses such polypeptides, and T cells that are specific for cells expressing such polypeptides. The disclosed compositiосn are usefel, for example, in the diagnosis, prevention and/or treatment of diseases, particularly colon cancer.

ABFR L'invention se rapporte a des compositions et a des methodes permettant le diagnostic et le traitement du cancer, et notamment du cancer du colon. Les compositions de la presente invention comporte un ou plusieurs polypeptides de tumeur du colon, des parties immunogenes de tels polypeptides, des polynucleotides qui codent ces polypeptides, une cellule presentatrice d'antigenes qui exprime ces polypeptides ainsi que des lymphocytes T qui sont specifiques des cellules exprimant ces polypeptides. Ces compositions s'averent utiles, par exemple, pour le diagnostic, la prevention et/ou le traitement de maladies, et notamment du cancer du colon.

L10 ANSWER 24 OF 42 PCTFULL COPYRIGHT 2002 Univentio  
ACCESSION NUMBER: 2002039885 PCTFULL ED 20020610 EW 200221  
TITLE (ENGLISH): COMPOSITIONS AND METHODS FOR THE THERAPY AND DIAGNOSIS OF OVARIAN CANCER  
TITLE (FRENCH): COMPOSITIONS ET METHODES DESTINEES A LA THERAPIE ET AU DIAGNOSTIC DU CANCER DE L'OVAIRE  
INVENTOR(S): XU, Jiangchun; STOLK, John, A.; ALGATE, Paul, A.; FLING, Steven, P.; MOLESH, David, Alan  
PATENT ASSIGNEE(S): CORIXA CORPORATION  
AGENT: CHRISTIANSEN, William, T.  
LANGUAGE OF PUBL.: English  
LANGUAGE OF FILING: English  
DOCUMENT TYPE: Patent  
PATENT INFORMATION:

|                    | NUMBER  | KIND | DATE     |
|--------------------|---|------|----------|
|                    | WO 2002039885   | A2   | 20020523 |
| DESIGNATED STATES  | AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR<br>CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID<br>IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD<br>MG MK MN MW MX MZ NO NZ PH PL PT RO RU SD SE SG SI SK<br>SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW GH GM KE LS MW<br>MZ SD SL SZ TZ UG ZW AM AZ BY KG KZ MD RU TJ TM AT BE<br>CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR BF<br>BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG |      |          |
| APPLICATION INFO.: | WO 2001-US45395   | A    | 20011113 |
| PRIORITY INFO.:    | US 2000-09/713,550  |      | 20001114 |
|                    | US 2001-09/825,294  |      | 20010403 |

ABEN Compositions and methods for the therapy and diagnosis of cancer, particularly ovarian cancer, are disclosed. Illustrative compositions comprise one or more ovarian tumor polypeptides, immunogenic portions thereof, polynucleotides that encode such polypeptides, antigen presenting cell that expresses such polypeptides, and T cells that are specific for cells expressing such polypeptides. The disclosed compositions are useful, for example, in the diagnosis, prevention and/or treatment of diseases, particularly ovarian cancer.

ABFR L'invention concerne des compositions et des methodes destinees a la therapie et au diagnostic du cancer, en particulier le cancer de l'ovaire. Des compositions de la presente invention comprennent un ou plusieurs polypeptides tumoraux ovariens, des portions immunogenes de ces derniers, des polynucleotides codant ces polypeptides, une cellule presentatrice de l'antigene exprimant ces polypeptides, et des lymphocytes T specifiques pour des cellules exprimant ces polypeptides. Ces compositions sont utiles, par exemple, pour le diagnostic, la preventions et/ou le traitement de pathologies, en particulier le cancer de l'ovaire.

L10 ANSWER 25 OF 42 PCTFULL COPYRIGHT 2002 Univentio  
 ACCESSION NUMBER: 2002030458 PCTFULL ED 20020515 EW 200216  
 TITLE (ENGLISH): COMPOSITION  
 TITLE (FRENCH): COMPOSITION  
 INVENTOR(S): HERMAND, Philippe; VANDE VELDE, Vincent  
 PATENT ASSIGNEE(S): SMITHKLINE BEECHAM BIOLOGICALS S.A., for all designates States except US; HERMAND, Philippe, for US only; VANDE VELDE, Vincent, for US only  
 AGENT: DALTON, Marcus, Jonathan, William  
 LANGUAGE OF PUBL.: English  
 LANGUAGE OF FILING: English  
 DOCUMENT TYPE: Patent  
 PATENT INFORMATION:

| NUMBER | KIND | DATE |
|--------|------|------|
|--------|------|------|

|                    |   |             |
|--------------------|---|-------------|
| DESIGNATED STATES  | WO 2002030458   | A1 20020418 |
|                    | AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR |             |
|                    | CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL |             |
|                    | IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG |             |
|                    | MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ |             |
|                    | TM TR TT TZ UA UG US UZ VN YU ZA ZW GH GM KE LS MW MZ |             |
|                    | SD SL SZ TZ UG ZW AM AZ BY KG KZ MD RU TJ TM AT BE CH |             |
|                    | CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR BF BJ |             |
|                    | CF CG CI CM GA GN GW ML MR NE SN TD TG                |             |
| APPLICATION INFO.: | WO 2001-EP3786  | A 20010326  |
| PRIORITY INFO.:    | GB 2000-0025058.9                                     | 20001012    |

ABEN The present invention relates to adjuvant compositions which are suitable to be used in vaccines. In particular, the adjuvant compositions of the present invention comprises a Yersinia adhesion protein, optionally with a carrier. Also provided by the present invention are vaccines comprising the adjuvants of the present invention and an antigen. Further provided are methods of manufacture of the adjuvants and vaccines of the present invention and their use as medicaments. Methods of treating an individual susceptible to or suffering from a disease by the administration of the vaccines of the present invention are also provided.

ABFR La presente invention concerne des compositions additives pouvant servir de vaccins. Les composition additives selon l'invention contiennent notamment une proteine d'adhesion Yersinia, et eventuellement un porteur. L'invention concerne egalement des vaccins contenant les additifs selon l'invention et un antigene. L'invention concerne par ailleurs des procedes de fabrication des additifs et vaccins selon l'invention et leur utilisation en tant que medicaments. L'invention concerne en outre des procedes de traitement d'un individu susceptible ou souffrant d'une maladie, concernant a administrer les vaccins selon

l'invention.

L10 ANSWER 26 OF 42 PCTFULL COPYRIGHT 2002 Univentio  
ACCESSION NUMBER: 2002028414 PCTFULL ED 20020627 EW 200215  
TITLE (ENGLISH): COMPOSITIONS AND METHODS FOR WT1 SPECIFIC IMMUNOTHERAPY  
TITLE (FRENCH): COMPOSITIONS ET METHODES D'IMMUNOTHERAPIE SPECIFIQUE A  
WT1  
INVENTOR(S): MCNEILL, Patricia, D.; SMITHGALL, Molly; MOULTON, Gus;  
VEDVICK, Thomas, S.; SLEATH, Paul, R.; MOSSMAN, Sally;  
EVANS, Lawrence; SPIES, A., Gregory; BOYDSTON, Jeremy;  
GAIGER, Alexander  
PATENT ASSIGNEE(S): CORIXA CORPORATION, for all designates States except  
US; MCNEILL, Patricia, D., for US only; SMITHGALL,  
Molly, for US only; MOULTON, Gus, for US only; VEDVICK,  
Thomas, S., for US only; SLEATH, Paul, R., for US only;  
MOSSMAN, Sally, for US only; EVANS, Lawrence, for US  
only; SPIES, A., Gregory, for US only; BOYDSTON,  
Jeremy, for US only; GAIGER, Alexander  
AGENT: CHRISTIANSEN, William, T.  
LANGUAGE OF PUBL.: English  
LANGUAGE OF FILING: English  
DOCUMENT TYPE: Patent  
PATENT INFORMATION:

|                    | NUMBER   | KIND | DATE     |
|--------------------|--|------|----------|
|                    | WO 2002028414  | A1   | 20020411 |
| DESIGNATED STATES  | AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR<br>CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID<br>IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD<br>MG MK MN MW MX MZ NO NZ PH PL PT RO RU SD SE SG SI SK<br>SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW GH GM KE LS<br>MW MZ SD SL SZ TZ UG ZW AM AZ BY KG KZ MD RU TJ TM AT<br>BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR<br>BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG   |      |          |
| APPLICATION INFO.: | WO 2001-US31139  | A    | 20011003 |
| PRIORITY INFO.:    | US 2000-09/684,361   |      | 20001006 |
|                    | US 2000-09/685,830   |      | 20001009 |
|                    | US 2001-09/785,019   |      | 20010215 |
|                    | US 2001-09/938,864   |      | 20010824 |
| ABEN               | Compositions and methods for the therapy of malignant diseases, such as leukemia and cancer, are disclosed. The compositions comprise one or more of a WT1 polynucleotide, a WT1 polypeptide, an antigen-presenting cell presenting a WT1 polypeptide, an antibody that specifically binds to a WT1 polypeptide; or a T cell that specifically reacts with a WT1 polypeptide. Such compositions may be used, for example, for the prevention and treatment of metastatic diseases.   |      |          |
| ABFR               | L'invention concerne des compositions et des methodes de therapie de maladies malignes telles que la leucemie et le cancer. Les compositions contiennent un ou plusieurs des elements comprenant un polynucleotide WT1, un polypeptide WT1, une cellule de presentation d'antigene presentant un polypeptide WT1, un anticorps se fixant specifiquement a un polypeptide WT1; ou un lymphocyte T reagissant specifiquement avec un polypeptide WT1. Ces compositions peuvent etre utilisees, par exemple, dans la prevention et le traitement de maladies metastatiques. |      |          |

L10 ANSWER 27 OF 42 PCTFULL COPYRIGHT 2002 Univentio  
ACCESSION NUMBER: 2002024057 PCTFULL ED 20020701 EW 200213  
TITLE (ENGLISH): COMPOSITIONS AND METHODS FOR THE THERAPY AND DIAGNOSIS  
OF LUNG CANCER  
TITLE (FRENCH): COMPOSITIONS ET PROCEDES DESTINES A LA THERAPIE ET AU  
DIAGNOSTIC DU CANCER DES POUMONS  
INVENTOR(S): BENSON, Darin, R.; MOHAMATH, Raodoh; LODES, Michael, J.  
PATENT ASSIGNEE(S): CORIXA CORPORATION, for all designates States except  
US; BENSON, Darin, R., for US only; MOHAMATH, Raodoh,  
for US only; LODES, Michael, J., for US only

AGENT: CHRISTIANSEN, William, T.  
LANGUAGE OF PUBL.: English  
LANGUAGE OF FILING: English  
DOCUMENT TYPE: Patent  
PATENT INFORMATION:

|                   | NUMBER   | KIND | DATE     |
|-------------------|--|------|----------|
|                   | WO 2002024057  | A2   | 20020328 |
| DESIGNATED STATES | AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR<br>CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID<br>IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD<br>MG MK MN MW MX MZ NO NZ PH PL PT RO RU SD SE SG SI SK<br>SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW GH GM KE LS<br>MW MZ SD SL SZ TZ UG ZW AM AZ BY KG KZ MD RU TJ TM AT<br>BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR<br>BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG |      |          |

APPLICATION INFO.: WO 2001-US42232 A 20010920  
PRIORITY INFO.: US 2000-60/234,837 20000922  
US 2000-60/239,440 20001010  
US 2001-60/301,928 20010629

ABEN Compositions and methods for the therapy and diagnosis of cancer, such as lung cancer, are disclosed. Compositions may comprise one or more lung tumor proteins, immunogenic portions thereof, or polynucleotides that encode such portions. Alternatively, a therapeutic composition may comprise an antigen presenting cell that expresses a lung tumor protein, or a T cell that is specific for cells expressing such a protein. Such compositions may be used, for example, for the prevention and treatment of diseases such as lung cancer. Diagnostic methods based on detecting a lung tumor protein, or mRNA encoding such a protein, in a sample are also provided.

ABFR L'invention concerne des compositions et des procedes destines a la therapie et au diagnostic du cancer, notamment du cancer des poumons. Les compositions selon l'invention peuvent contenir une ou plusieurs proteines de tumeur pulmonaire, des parties immunogenes de ces proteines, ou des polynucleotides codant de telles parties. Par ailleurs, une composition therapeutique peut contenir une cellule presentant un antigene exprimant une proteine de tumeur pulmonaire, ou une cellule T specifique a des cellules exprimant une telle proteine. De telles compositions peuvent par exemple etre employees pour la prevention et le traitement de maladies telles que le cancer des poumons. L'invention concerne egalement des procedes diagnostiques consistant a detecter dans un echantillon une proteine de tumeur pulmonaire ou un ARNm codant une telle proteine.

L10 ANSWER 28 OF 42 PCTFULL COPYRIGHT 2002 Univentio

ACCESSION NUMBER: 2002016413 PCTFULL ED 20020711 EW 200209

TITLE (ENGLISH): VACCINES

TITLE (FRENCH): VACCINS

INVENTOR(S): CASSART, Jean-Pol; COCHE, Thierry; PALMANTIER, Remi, M.; VINALS Y DE BASSOLS, Carlota

PATENT ASSIGNEE(S): SMITHKLINE BEECHAM BIOLOGICALS S.A., for all designates States except US; CASSART, Jean-Pol, for US only; COCHE, Thierry, for US only; PALMANTIER, Remi, M., for US only; VINALS Y DE BASSOLS, Carlota, for US only

AGENT: DALTON, Marcus, J., W.

LANGUAGE OF PUBL.: English

LANGUAGE OF FILING: English

DOCUMENT TYPE: Patent

PATENT INFORMATION:

|                   | NUMBER  | KIND | DATE     |
|-------------------|---|------|----------|
|                   | WO 2002016413   | A2   | 20020228 |
| DESIGNATED STATES | AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR<br>CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID<br>IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD |      |          |

MG MK MN MW MX MZ NO NZ PH PL PT RO RU SD SE SG SI SK  
 SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW GH GM KE LS  
 MW MZ SD SL SZ TZ UG ZW AM AZ BY KG KZ MD RU TJ TM AT  
 BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR  
 BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG

APPLICATION INFO.: WO 2001-EP9646 A 20010820  
 PRIORITY INFO.: GB 2000-0020953.6 20000824

ABEN Compositions and methods for the therapy and diagnosis of cancer, particularly lung, colon, colorectal and breast cancer, are disclosed. Illustrative compositions comprise one or more Cripto tumor polypeptides, immunogenic portions thereof, polynucleotides that encode such polypeptides, antigen presenting cell that expresses such polypeptides, and T cells that are specific for cells expressing such polypeptides. The disclosed compositions are useful, for example, in the diagnosis, prevention and/or treatment of diseases, particularly lung, colon, colorectal and breast cancer.

ABFR L'invention concerne des compositions et des procedes destines au traitement et au diagnostic du cancer, notamment le cancer du poumon, le cancer du colon, le cancer colorectal et le cancer du sein. Les compositions illustrees comprennent un ou plusieurs polypeptides de tumeur Crypto des parties immunogenes de ceux-ci, des polynucleotides codant ces polypeptides, un antigene presentant une cellule exprimant ces polypeptides et des cellules T qui sont specifiques aux cellules exprimant de tels polypeptides. Les compositions de l'invention sont, par exemple, utiles dans le diagnostic, la prevention et/ou le traitement des maladies, notamment le cancer du poumon, le cancer du colon, le cancer colorectal et le cancer du sein.

L10 ANSWER 29 OF 42 PCTFULL COPYRIGHT 2002 Univentio  
 ACCESSION NUMBER: 2002014503 PCTFULL ED 20020711 EW 200208  
 TITLE (ENGLISH): COMPOSITIONS AND METHODS FOR THE THERAPY AND DIAGNOSIS OF HER-2/NEU-ASSOCIATED MALIGNANCIES  
 TITLE (FRENCH): COMPOSITIONS ET METHODES DE TRAITEMENT ET DE DIAGNOSTIC DE CANCERS ASSOCIES A HER-2/NEU  
 INVENTOR(S): HAND-ZIMMERMANN, Susan; CHEEVER, Martin, A.; FOY, Teresa, M.; LODES, Michael, J.; KALOS, Michael, D.; MCNEILL, Patricia, D.; VEDVICK, Thomas, S.  
 PATENT ASSIGNEE(S): CORIXA CORPORATION, for all designates States except US; HAND-ZIMMERMANN, Susan, for US only; CHEEVER, Martin, A., for US only; FOY, Teresa, M., for US only; LODES, Michael, J., for US only; KALOS, Michael, D., for US only; MCNEILL, Patricia, D., for US only; VEDVICK, Thomas, S., for US only  
 AGENT: CHRISTIANSEN, William, T.  
 LANGUAGE OF PUBL.: English  
 LANGUAGE OF FILING: English  
 DOCUMENT TYPE: Patent  
 PATENT INFORMATION:

| NUMBER | KIND | DATE |
|--------|------|------|
|--------|------|------|

|                    |  |             |
|--------------------|--|-------------|
|                    | WO 2002014503  | A2 20020221 |
| DESIGNATED STATES  | AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW GH GM KE LS MW MZ SD SL SZ TZ UG ZW AM AZ BY KG KZ MD RU TJ TM AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG |             |
| APPLICATION INFO.: | WO 2001-US41733  | A 20010814  |
| PRIORITY INFO.:    | US 2000-60/225,152   | 20000814    |
|                    | US 2000-60/236,428   | 20000928    |
|                    | US 2001-60/270,520   | 20010221    |

ABEN Compositions and methods for the therapy and diagnosis of cancer, particularly Her-2/neu-associated cancers, are disclosed. Illustrative



compositions comprise one or more Her-2/neu polypeptides, immunogenic portions thereof, polynucleotides that encode such polypeptides, antigen presenting cell that expresses such polypeptides, and T cells that are specific for cells expressing such polypeptides. The disclosed compositions are useful, for example, in the diagnosis, prevention and/or treatment of Her-2/neu-associated malignancies.

ABFR L'invention concerne des compositions et des methodes de traitement et de diagnostic de cancers, en particulier les cancers associes a Her-2/neu. Des compositions exemplaires comprennent un ou plusieurs polypeptides Her-2/neu, des parties immunogenes desdits polypeptides, des polynucleotides codant ces polypeptides, une cellule presentatrice de l'antigene exprimant ces polypeptides, et des lymphocytes T specifiques de cellules exprimant ces polypeptides. Les compositions de l'invention sont utiles, par exemple, pour le diagnostic, la prevention et/ou le traitement de cancers associes a Her-2/neu.

L10 ANSWER 30 OF 42 PCTFULL COPYRIGHT 2002 Univentio  
 ACCESSION NUMBER: 2002012341 PCTFULL ED 20020711 EW 200207  
 TITLE (ENGLISH): HER-2/NEU **FUSION PROTEINS**  
 TITLE (FRENCH): PROTEINES DE **FUSION** HER-2/NEU  
 INVENTOR(S): CHEEVER, Martin, A.; GHEYSEN, Dirk  
 PATENT ASSIGNEE(S): CORIXA CORPORATION, for all designates States except US; SMITHKLINE BEECHAM BIOLOGICALS S.A., for all designates States except US; CHEEVER, Martin, A., for US only; GHEYSEN, Dirk, for US only  
 AGENT: PARENT, Annette, S.  
 LANGUAGE OF PUBL.: English  
 LANGUAGE OF FILING: English  
 DOCUMENT TYPE: Patent  
 PATENT INFORMATION:

|                   | NUMBER   | KIND | DATE     |
|-------------------|--|------|----------|
|                   | WO 2002012341  | A2   | 20020214 |
| DESIGNATED STATES | AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO<br>CR CU CZ DE DK DM DZ EC EE ES FI GB GD<br>GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR<br>LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU<br>SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU<br>ZA ZW GH GM KE LS MW MZ SD SL SZ TZ UG ZW AM AZ BY KG<br>KZ MD RU TJ TM AT BE CH CY DE DK ES FI FR GB GR IE IT<br>LU MC NL PT SE TR BF BJ CF CG CI CM GA GN GQ GW ML MR<br>NE SN TD TG |      |          |

APPLICATION INFO.: WO 2001-US24283 A 20010803  
 PRIORITY INFO.: US 2000-09/632,507 20000803

ABEN The present invention is generally directed to Her-2/neu **fusion proteins**, nucleic acid molecules encoding Her-2/neu **fusion proteins**, viral vectors expressing Her-2/neu **fusion proteins**, and pharmaceutical compositions (<i>e.g.</i>, vaccines) comprising the Her-2/neu **fusion proteins** and/or nucleic acid molecules encoding the Her-2/neu **fusion proteins**. The present invention is also directed to methods of treating or preventing cancer by eliciting or enhancing an immune response to the Her-2/neu protein, including for uses in the treatment of malignancies associated with the Her-2/neu oncogene.

ABFR L'invention concerne de nouvelles proteines de **fusion** Her-2/neu, des molecules d'acide nucleique codant pour ces proteines, des vecteurs viraux exprimant ces proteines et des compositions pharmaceutiques (p. ex. des vaccins) renfermant lesdites proteines et/ou les molecules

d'acide nucleique codant pour lesdites proteines. L'invention concerne egalement des methodes de traitement ou de prevention du cancer par le declenchement ou l'amelioration d'une reponse immunitaire a la proteine Her-2/neu, dont le traitement de tumeurs malignes associees a l'oncogene Her-2/neu.

L10 ANSWER 31 OF 42 PCTFULL COPYRIGHT 2002 Univentio  
 ACCESSION NUMBER: 2002012331 PCTFULL ED 20020711 EW 200207  
 TITLE (ENGLISH): COMPOSITIONS AND METHODS FOR THE THERAPY AND DIAGNOSIS OF PANCREATIC CANCER  
 TITLE (FRENCH): COMPOSITIONS ET PROCEDES SE RAPPORTANT AU TRAITEMENT ET AU DIAGNOSTIC DU CANCER DU PANCREAS  
 INVENTOR(S): PYLE, Ruth, A.; XU, Jiangchun; KALOS, Michael, D.  
 PATENT ASSIGNEE(S): CORIXA CORPORATION, for all designates States except US; PYLE, Ruth, A., for US only; XU, Jiangchun, for US only; KALOS, Michael, D., for US only  
 AGENT: POTTER, Jane, E., R.  
 LANGUAGE OF PUBL.: English  
 LANGUAGE OF FILING: English  
 DOCUMENT TYPE: Patent  
 PATENT INFORMATION:

| NUMBER | KIND | DATE |
|--------|------|------|
|--------|------|------|

|                    |   |             |
|--------------------|---|-------------|
| DESIGNATED STATES  | WO 2002012331   | A2 20020214 |
|                    | AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR |             |
|                    | CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID |             |
|                    | IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD |             |
|                    | MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL |             |
|                    | TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW GH GM KE LS MW |             |
|                    | MZ SD SL SZ TZ UG ZW AM AZ BY KG KZ MD RU TJ TM AT BE |             |
|                    | CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR BF |             |
|                    | BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG          |             |
| APPLICATION INFO.: | WO 2001-US24619                                       | A 20010806  |
| PRIORITY INFO.:    | US 2000-60/223,130                                    | 20000807    |
|                    | US 2001-60/265,447                                    | 20010130    |
|                    | US 2001-60/291,201                                    | 20010515    |

ABEN Compositions and methods for the therapy and diagnosis of cancer, particularly pancreatic cancer, are disclosed. Illustrative compositions comprise one or more pancreatic tumor polypeptides, immunogenic portions thereof, polynucleotides that encode such polypeptides, antigen presenting cell that expresses such polypeptides, and T cells that are specific for cells expressing such polypeptides. The disclosed compositions are useful, for example, in the diagnosis, prevention and/or treatment of diseases, particularly pancreatic cancer.

ABFR La presente invention concerne des compositions et des procedes se rapportant au traitement et au diagnostic du cancer, plus particulierement du cancer du pancreas. Les compositions de l'invention comprennent au moins un polypeptide tumoral pancreatique, certains de ses portions immunogenes, des polynucleotides codant de tels polypeptides, des cellules presentant un antigene qui exprime de tels polypeptides, et des lymphocytes T specifiques de cellules exprimant de tels polypeptides. Les compositions de l'invention conviennent notamment pour le diagnostic, la prevention et/ou le traitement de maladies, et plus particulierement du cancer du pancreas.

L10 ANSWER 32 OF 42 PCTFULL COPYRIGHT 2002 Univentio  
 ACCESSION NUMBER: 2002012328 PCTFULL ED 20020711 EW 200207  
 TITLE (ENGLISH): COMPOSITIONS AND METHODS FOR THE THERAPY AND DIAGNOSIS OF COLON CANCER  
 TITLE (FRENCH): COMPOSITIONS ET METHODES UTILISEES DANS LA THERAPIE ET LE DIAGNOSTIC DU CANCER DU COLON  
 INVENTOR(S): KING, Gordon, E.; MEAGHER, Madeleine, Joy; XU, Jiangchun; SECRIST, Heather  
 PATENT ASSIGNEE(S): CORIXA CORPORATION, for all designates States except US; KING, Gordon, E., for US only; MEAGHER, Madeleine,

Joy, for US only; XU, Jiangchun, for US only; SECRIST,  
Heather, for US only  
AGENT: POTTER, Jane, E., R.  
LANGUAGE OF PUBL.: English  
LANGUAGE OF FILING: English  
DOCUMENT TYPE: Patent  
PATENT INFORMATION:

|                    | NUMBER  | KIND | DATE     |
|--------------------|---|------|----------|
|                    | WO 2002012328   | A2   | 20020214 |
| DESIGNATED STATES  | AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR<br>CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID<br>IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD<br>MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL<br>TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW GH GM KE LS MW<br>MZ SD SL SZ TZ UG ZW AM AZ BY KG KZ MD RU TJ TM AT BE<br>CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR BF<br>BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG |      |          |
| APPLICATION INFO.: | WO 2001-US24218   | A    | 20010731 |
| PRIORITY INFO.:    | US 2000-60/223,283  |      | 20000803 |
|                    | US 2001-60/279,763  |      | 20010328 |
|                    | US 2001-60/302,051  |      | 20010629 |

ABEN Compositions and methods for the therapy and diagnosis of cancer, particularly colon cancer, are disclosed. Illustrative compositions comprise one or more colon tumor polypeptides, immunogenic portions thereof, polynucleotides that encode such polypeptides, antigen presenting cell that expresses such polypeptides, and T cells that are specific for cells expressing such polypeptides. The disclosed compositions are useful, for example, in the diagnosis, prevention and/or treatment of diseases, particularly colon cancer.

ABFR L'invention concerne des compositions et des methodes utilisees dans la therapie et le diagnostic du cancer, en particulier le cancer du colon. Lesdites compositions comprennent un ou plusieurs polypeptides de tumeur du colon, des parties immunogeniques de ces polypeptides, des polynucleotides codant pour ces polypeptides, une cellule presentatrice de l'antigene exprimant ces polypeptides, et des lymphocytes T specifiques aux cellules exprimant ces polypeptides. Les compositions de l'invention sont utilisees, par exemple, dans le diagnostic, la prevention et/ou le traitement des maladies, en particulier du cancer du colon.

L10 ANSWER 33 OF 42 PCTFULL COPYRIGHT 2002 Univentio  
ACCESSION NUMBER: 2002012280 PCTFULL ED 20020711 EW 200207  
TITLE (ENGLISH): COMPOSITIONS AND METHODS FOR THE THERAPY AND DIAGNOSIS  
OF COLON CANCER  
TITLE (FRENCH): COMPOSITIONS ET PROCEDES POUR LE DIAGNOSTIC ET LE  
TRAITEMENT DU CANCER DU COLON  
INVENTOR(S): PYLE, Ruth, A.; XU, Jiangchun; SECRIST, Heather  
PATENT ASSIGNEE(S): CORIXA CORPORATION, for all designates States except  
US; PYLE, Ruth, A., for US only; XU, Jiangchun, for US  
only; SECRIST, Heather, for US only  
AGENT: POTTER, Jane, E. R.  
LANGUAGE OF PUBL.: English  
LANGUAGE OF FILING: English  
DOCUMENT TYPE: Patent  
PATENT INFORMATION:

|                   | NUMBER   | KIND | DATE     |
|-------------------|--|------|----------|
|                   | WO 2002012280  | A2   | 20020214 |
| DESIGNATED STATES | AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR<br>CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID<br>IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD<br>MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL<br>TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW GH GM KE LS MW<br>MZ SD SL SZ TZ UG ZW AM AZ BY KG KZ MD RU TJ TM AT BE |      |          |

CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR BF  
 BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG

APPLICATION INFO.: WO 2001-US23826 A 20010730  
 PRIORITY INFO.: US 2000-60/223,265 20000803  
 US 2000-60/237,406 20001002  
 US 2001-60/277,495 20010320  
 US 2001-60/302,702 20010703

ABEN Compositions and methods for the therapy and diagnosis of cancer, particularly colon cancer, are disclosed. Illustrative compositions comprise one or more colon tumor polypeptides, immunogenic portions thereof, polynucleotides that encode such polypeptides, antigen presenting cell that expresses such polypeptides, and T cells that are specific for cells expressing such polypeptides. The disclosed compositions are useful, for example, in the diagnosis, prevention and/or treatment of diseases, particularly colon cancer.

ABFR L'invention concerne des compositions et des procedes pour le diagnostic et le traitement du cancer, notamment le cancer du colon. Ces compositions comprennent un ou plusieurs polypeptides de tumeur du colon, des parties immunogenes de ceux-ci, des polynucleotides codant de tels polypeptides, un antigene dont une cellule exprime ces polypeptides, et des lymphocytes T specifiques des cellules exprimant ces polypeptides. Lesdites compositions s'averent utiles, par exemple, pour le diagnostic, la prevention et/ou le traitement de maladies, en particulier le cancer du colon.

L10 ANSWER 34 OF 42 CAPLUS COPYRIGHT 2002 ACS DUPLICATE 1  
 ACCESSION NUMBER: 2001:731001 CAPLUS  
 DOCUMENT NUMBER: 135:284066  
 TITLE: Nucleic acids and proteins associated with human prostate cancer and their uses in therapy and diagnosis  
 INVENTOR(S): Xu, Jiangchun; Dillon, Davin C.; Mitcham, Jennifer L.; Harlocker, Susan L.; Jiang, Yuqiu; Kalos, Michael D.; Fanger, Gary Richard; Retter, Marc W.; Stolk, John A.; Day, Craig H.; Vedvick, Thomas S.; Carter, Darrick; Li, Samuel X.; Wang, Aijun; Skeiky, Yasir A. W.; Hepler, William T.; Henderson, Robert A.  
 PATENT ASSIGNEE(S): Corixa Corporation, USA  
 SOURCE: PCT Int. Appl., 579 pp.  
 CODEN: PIXXD2  
 DOCUMENT TYPE: Patent  
 LANGUAGE: English  
 FAMILY ACC. NUM. COUNT: 15  
 PATENT INFORMATION:

| PATENT NO.  | KIND | DATE     | APPLICATION NO. | DATE       |
|---|------|----------|-----------------|------------|
| WO 2001073032   | A2   | 20011004 | WO 2001-US9919  | 20010327   |
| W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM<br>RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG |      |          |                 |            |
| PRIORITY APPLN. INFO.:  |      |          | US 2000-536857  | A 20000327 |
|   |      |          | US 2000-568100  | A 20000509 |
|   |      |          | US 2000-570737  | A 20000512 |
|   |      |          | US 2000-593793  | A 20000613 |
|   |      |          | US 2000-605783  | A 20000627 |
|   |      |          | US 2000-636215  | A 20000810 |
|   |      |          | US 2000-651236  | A 20000829 |
|   |      |          | US 2000-657279  | A 20000906 |

US 2000-679426 A 20001002  
US 2000-685166 A 20001010  
US 2000-709729 A 20001109

AB Compns. and methods for the therapy and diagnosis of cancer, particularly prostate cancer, are disclosed. Illustrative compns. comprise one or more prostate-specific polypeptides, immunogenic portions thereof, and polynucleotides that encode such polypeptides as identified by PCR-based cDNA library subtraction. Chromosomal mapping, tissue **expression** profiling, and prepn. of **fusion proteins** (esp. with the **Ra12** portion of the **Mycobacterium tuberculosis** serine protease MTB32A) are carried out. Epitope mapping is carried out on some of the polypeptides (e.g., P501S) to identify immunogenic peptides. Antigen-presenting cells that expresses such polypeptides, and T cells that are specific for cells expressing such polypeptides are also provided. The disclosed compns. are useful, for example, in the diagnosis, prevention and/or treatment of diseases, particularly prostate cancer.

L10 ANSWER 35 OF 42 CAPLUS COPYRIGHT 2002 ACS DUPLICATE 2  
ACCESSION NUMBER: 2001:265565 CAPLUS  
DOCUMENT NUMBER: 134:291103  
TITLE: Methods of using a **Mycobacterium tuberculosis** coding sequence in gene and protein **fusions** to facilitate stable and high yield **expression** of heterologous proteins  
INVENTOR(S): Skeiky, Yasir; Guderian, Jeffrey  
PATENT ASSIGNEE(S): Corixa Corporation, USA  
SOURCE: PCT Int. Appl., 39 pp.  
CODEN: PIXXD2  
DOCUMENT TYPE: Patent  
LANGUAGE: English  
FAMILY ACC. NUM. COUNT: 1  
PATENT INFORMATION:

| PATENT NO.  | KIND | DATE     | APPLICATION NO. | DATE     |
|---|------|----------|-----------------|----------|
| WO 2001025401   | A2   | 20010412 | WO 2000-US27652 | 20001006 |
| W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM |      |          |                 |          |
| RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG  |      |          |                 |          |

AU 2000079972 A5 20010510 AU 2000-79972 20001006  
PRIORITY APPLN. INFO.: US 1999-158585P P 19991007  
WO 2000-US27652 W 20001006

AB The present invention relates generally to nucleic acid and amino acid sequences of a **fusion** polypeptide comprising a **Mycobacterium tuberculosis** polypeptide, and a heterologous polypeptide of interest, **expression** vectors and host cells comprising such nucleic acids, and methods for producing such **fusion** polypeptides. In particular, the invention relates to materials and methods of using such M. tuberculosis sequence as a **fusion** partner to facilitate the stable and high yield **expression** of recombinant heterologous polypeptides of both eukaryotic and prokaryotic origin. A 14 kD C-terminal fragment (referred to as **Ra12**) of the **Mycobacterium tuberculosis** serine protease MTB32A can be expressed as a sol. protein. Use of the **Ra12** sequences as a **fusion** partner is illustrated with construction of **expression** vectors, **expression** in *Escherichia coli*, and protein purifn. of a (His-tag) **Ra12-DPPD fusion protein**. Antiserum raised against the

**Ra12-DPPD fusion protein** recognized the DPPD protein in immunoblotting anal. **Ra12-WT1, Ra12-mammaglobin, and Ra12-H9-32A fusion proteins** were also constructed and shorter or longer **Ra12** sequences were fused with full length human mammaglobin gene sequences.

L10 ANSWER 36 OF 42 USPATFULL

ACCESSION NUMBER: 2001:226754 USPATFULL

TITLE: Compositions and methods for therapy and diagnosis of prostate cancer

INVENTOR(S): Xu, Jiangchun, Bellevue, WA, United States  
Dillon, Davin C., Redmond, WA, United States  
Mitcham, Jennifer L., Redmond, WA, United States  
Harlocker, Susan L., Seattle, WA, United States  
Yuqiu, Jiang, Kent, WA, United States  
Reed, Steve G., Bellevue, WA, United States  
Kalos, Michael D., Seattle, WA, United States  
Fanger, Gary R., Mill Creek, WA, United States  
Retter, Marc W., Bellevue, WA, United States  
Stolk, John A., Bothell, WA, United States  
Day, Craig H., Seattle, WA, United States

PATENT ASSIGNEE(S): Corixa Corporation, Seattle, WA, United States (U.S. corporation)

|                       | NUMBER  | KIND | DATE         |
|-----------------------|---|------|--------------|
| PATENT INFORMATION:   | US 6329505  | B1   | 20011211     |
| APPLICATION INFO.:    | US 1999-439313  |      | 19991112 (9) |
| RELATED APPLN. INFO.: | Continuation-in-part of Ser. No. US 1999-352616, filed on 13 Jul 1999 Continuation-in-part of Ser. No. US 1999-288946, filed on 9 Apr 1999 Continuation-in-part of Ser. No. US 1999-232149, filed on 15 Jan 1999 Continuation-in-part of Ser. No. US 1998-159812, filed on 23 Sep 1998 Continuation-in-part of Ser. No. US 1998-115453, filed on 14 Jul 1998 Continuation-in-part of Ser. No. US 1998-30607, filed on 25 Feb 1998 Continuation-in-part of Ser. No. US 1998-20956, filed on 9 Feb 1998 Continuation-in-part of Ser. No. US 1997-904804, filed on 1 Aug 1997 Continuation-in-part of Ser. No. US 1997-806099, filed on 25 Feb 1997, now abandoned |      |              |
| DOCUMENT TYPE:        | Utility   |      |              |
| FILE SEGMENT:         | GRANTED   |      |              |
| PRIMARY EXAMINER:     | Marschel, Ardin H.  |      |              |
| ASSISTANT EXAMINER:   | Zhou, Shubo   |      |              |
| LEGAL REPRESENTATIVE: | Seed Intellectual Property Law Group PLLC   |      |              |
| NUMBER OF CLAIMS:     | 5   |      |              |
| EXEMPLARY CLAIM:      | 1   |      |              |
| NUMBER OF DRAWINGS:   | 13 Drawing Figure(s); 10 Drawing Page(s)  |      |              |
| LINE COUNT:           | 4247  |      |              |

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Compositions and methods for the therapy and diagnosis of cancer, such as prostate cancer, are disclosed. Compositions may comprise one or more prostate-specific proteins, immunogenic portions thereof, or polynucleotides that encode such portions. Alternatively, a therapeutic composition may comprise an antigen presenting cell that expresses a prostate-specific protein, or a T cell that is specific for cells expressing such a protein. Such compositions may be used, for example, for the prevention and treatment of diseases such as prostate cancer. Diagnostic methods based on detecting a prostate-specific protein, or mRNA encoding such a protein, in a sample are also provided.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L10 ANSWER 37 OF 42 CAPLUS COPYRIGHT 2002 ACS

ACCESSION NUMBER: 2001:526194 CAPLUS  
 DOCUMENT NUMBER: 135:117956  
 TITLE: Nucleic acids and polypeptides for the therapy and diagnosis of human prostate cancer  
 INVENTOR(S): Xu, Jiangchun; Dillon, Davin C.; Mitcham, Jennifer L.; Harlocker, Susan L.; Jiang, Yuqiu; Reed, Steven G.; Kalos, Michael D.; Fanger, Gary Richard; Day, Craig H.; Retter, Marc W.; Stolk, John A.; Skeiky, Yasir A. W.; Wang, Aijun; Meagher, Madeleine Joy  
 PATENT ASSIGNEE(S): Corixa Corporation, USA  
 SOURCE: PCT Int. Appl., 543 pp.  
 CODEN: PIXXD2  
 DOCUMENT TYPE: Patent  
 LANGUAGE: English  
 FAMILY ACC. NUM. COUNT: 15  
 PATENT INFORMATION:

| PATENT NO.    | KIND | DATE     | APPLICATION NO. | DATE     |
|---------------|------|----------|-----------------|----------|
| WO 2001051633 | A2   | 20010719 | WO 2001-US1574  | 20010116 |
| WO 2001051633 | A3   | 20020620 |                 |          |

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM  
 RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG

PRIORITY APPLN. INFO.: US 2000-483672 A 20000114

AB Compsns. and methods for the therapy and diagnosis of cancer, particularly prostate cancer, are disclosed. Several hundred prostate-specific polynucleotides (and their encoded polypeptides) are isolated from human prostate tumor cDNA libraries by cDNA library subtraction, PCR-based subtraction, electronic subtraction, and microarray anal. Illustrative compsns. comprise one or more prostate-specific polypeptides, immunogenic portions thereof, polynucleotides that encode such polypeptides, antigen-presenting cells that express such polypeptides, and T cells that are specific for cells expressing such polypeptides. Recombinant systems are described for the **expression** of such prostate-specific polypeptides in Escherichia coli, baculovirus, Saccharomyces cerevisiae, and mammalian cells. The disclosed compsns. are useful, for example, in the diagnosis, prevention, and/or treatment of diseases, particularly prostate cancer.

L10 ANSWER 38 OF 42 CAPLUS COPYRIGHT 2002 ACS

ACCESSION NUMBER: 2001:417155 CAPLUS  
 DOCUMENT NUMBER: 135:45174  
 TITLE: Antigenic compounds and methods for treatment and diagnosis of Chlamydial infection  
 INVENTOR(S): Probst, Peter; Bhatia, Ajay; Skeiky, Yasir A. W.; Fling, Steven P.; Scholler, John  
 PATENT ASSIGNEE(S): Corixa Corporation, USA  
 SOURCE: PCT Int. Appl., 293 pp.  
 CODEN: PIXXD2  
 DOCUMENT TYPE: Patent  
 LANGUAGE: English  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

| PATENT NO.    | KIND | DATE     | APPLICATION NO. | DATE     |
|---------------|------|----------|-----------------|----------|
| WO 2001040474 | A2   | 20010607 | WO 2000-US32919 | 20001204 |
| WO 2001040474 | A3   | 20020307 |                 |          |

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN,  
 CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR,  
 HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT,  
 LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU,  
 SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN,  
 YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM  
 RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY,  
 DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF,  
 BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG

PRIORITY APPLN. INFO.: US 1999-454684 A 19991203  
 US 2000-556877 A 20000419  
 US 2000-598419 A 20000620

AB Compds. and methods for the diagnosis and treatment of Chlamydial infection are disclosed. The compds. provided include polypeptides that contain at least one antigenic portion of a Chlamydia antigen and DNA sequences encoding such polypeptides from Chlamydia trachomatis and C. pneumoniae isolated using retroviral **expression** vector systems and subsequent immunol. anal. and epitope mapping. Pharmaceutical compns. and vaccines comprising such polypeptides or DNA sequences are also provided, together with antibodies directed against such polypeptides. Diagnostic kits contg. such polypeptides or DNA sequences and a suitable detection reagent may be used for the detection of Chlamydial infection in patients and in biol. samples. In particular, **fusion proteins** are constructed from the Chlamydial proteins PmpA, PmpF, PmpH, PmpB, and PmpC fused with amino acid residues 192-323 of the Ra2 MTB32A serine proteinase from **Mycobacterium tuberculosis**.

L10 ANSWER 39 OF 42 DGENE (C) 2002 THOMSON DERWENT

ACCESSION NUMBER: ABA92266 DNA DGENE

TITLE: Her-2/neu **fusion protein** for treating or preventing cancer by eliciting or enhancing an immune response to the protein, has Her-2/neu extracellular domain fused to Her-2/neu intracellular or phosphorylation domain -

INVENTOR: Cheever M A; Gheysen D

PATENT ASSIGNEE: (CORI-N)CORIXA CORP.

(SMIK) SMITHKLINE BEECHAM BIOLOGICALS.

PATENT INFO: WO 2002012341 A2 20020214 141p

APPLICATION INFO: WO 2001-US24283 20010803

PRIORITY INFO: US 2000-632507 20000803

DOCUMENT TYPE: Patent

LANGUAGE: English

OTHER SOURCE: 2002-241743 [29]

AN ABA92266 DNA DGENE

AB The present sequence is that of primer **Ra12**.JC06, which contains a 5' NcoI site and which was used, with primer **Ra12**.JC05 (see ABA92265), in the PCR amplification of an **Ra12** sequence. **Ra14** is a 14 kDa C-terminal fragment of the **Mycobacterium tuberculosis** MTB32A coding sequence, which is expressed at high levels and remains soluble throughout purification. It is useful as a **fusion** partner, facilitating the stable and high yield **expression** of recombinant **fusion proteins**. In the present case, the **Ra12** PCR product was used to prepare a DNA construct encoding **Ra12** fused to a polypeptide comprising the extracellular and phosphorylation domains of mouse Her-2/neu, plus a C-terminal 6 x histidine tag. This was expressed in Escherichia coli B:21(DE3) CodonPlus-RIU cells. The present invention provides Her-2/neu **fusion proteins**, nucleic acids encoding them, viral vectors, and vaccines comprising the **fusion proteins** or nucleic acid molecules. These are useful for inhibiting the development of a cancer, especially breast, ovarian, colon, lung or prostate cancer, in a patient.

L10 ANSWER 40 OF 42 DGENE (C) 2002 THOMSON DERWENT

ACCESSION NUMBER: ABA92265 DNA DGENE

TITLE: Her-2/neu **fusion protein** for treating or



preventing cancer by eliciting or enhancing an immune response to the protein, has Her-2/neu extracellular domain fused to Her-2/neu intracellular or phosphorylation domain -

INVENTOR: Cheever M A; Gheysen D  
PATENT ASSIGNEE: (CORI-N)CORIXA CORP.  
(SMIK) SMITHKLINE BEECHAM BIOLOGICALS.  
PATENT INFO: WO 2002012341 A2 20020214 141p  
APPLICATION INFO: WO 2001-US24283 20010803  
PRIORITY INFO: US 2000-632507 20000803  
DOCUMENT TYPE: Patent  
LANGUAGE: English  
OTHER SOURCE: 2002-241743 [29]

AN ABA92265 DNA DGENE  
AB The present sequence is that of primer **Ra12**.JC05, which contains a 5' NcoI site and which was used, with primer **Ra12**.JC06 (see ABA92266), in the PCR amplification of an **Ra12** sequence. **Ra14** is a 14 kDa C-terminal fragment of the **Mycobacterium tuberculosis** MTB32A coding sequence, which is expressed at high levels and remains soluble throughout purification. It is useful as a **fusion** partner, facilitating the stable and high yield **expression** of recombinant **fusion proteins**. In the present case, the **Ra12** PCR product was used to prepare a DNA construct encoding **Ra12** fused to a polypeptide comprising the extracellular and phosphorylation domains of mouse Her-2/neu, plus a C-terminal 6 x histidine tag. This was expressed in *Escherichia coli* B:21(DE3) CodonPlus-RIU cells. The present invention provides Her-2/neu **fusion proteins**, nucleic acids encoding them, viral vectors, and vaccines comprising the **fusion proteins** or nucleic acid molecules. These are useful for inhibiting the development of a cancer, especially breast, ovarian, colon, lung or prostate cancer, in a patient.

L10 ANSWER 41 OF 42 DGENE (C) 2002 THOMSON DERWENT

ACCESSION NUMBER: AAZ20206 DNA DGENE

TITLE: New **fusion proteins** useful for diagnosis, prevention and treatment of tuberculosis -

INVENTOR: Skeiky Y A W; Alderson M; Campos-Neto A

PATENT ASSIGNEE: (CORI-N)CORIXA CORP.

PATENT INFO: WO 9951748 A2 19991014 83p

APPLICATION INFO: WO 1999-US7717 19990407

PRIORITY INFO: US 1998-56556 19980407

US 1998-223040 19981230

DOCUMENT TYPE: Patent

LANGUAGE: English

OTHER SOURCE: 1999-601610 [51]

AN AAZ20206 DNA DGENE

AB This DNA sequence includes a coding region for a recombinant **Mycobacterium tuberculosis** bi-antigen **fusion protein** (see AAY32071), termed Mtb24, composed of the antigens **Ra12** and DPPD. The DNA is useful for the recombinant production of the **fusion protein**. Coding sequences for the antigens were modified by PCR in order to facilitate their **fusion** and subsequent **expression** of the **fusion protein**, and then ligated. The invention provides **fusion proteins** (see AAY32059-71) containing at least 2 *M. tuberculosis* antigens. The new **fusion proteins** and polynucleotides encoding them are useful as vaccines for preventing tuberculosis (claimed), for diagnosis (via in vitro assays or intradermal skin tests for detection of anti-*M. tuberculosis* antibodies), monitoring of disease progression, and treatment of tuberculosis. They are more effective immunogens than mixtures of the individual protein components.

L10 ANSWER 42 OF 42 DGENE (C) 2002 THOMSON DERWENT

ACCESSION NUMBER: AAZ20194 DNA DGENE

TITLE: New **fusion proteins** useful for diagnosis,

prevention and treatment of tuberculosis -  
INVENTOR: Skeiky Y A W; Alderson M; Campos-Neto A  
PATENT ASSIGNEE: (CORI-N)CORIXA CORP.  
PATENT INFO: WO 9951748 A2 19991014 83p  
APPLICATION INFO: WO 1999-US7717 19990407  
PRIORITY INFO: US 1998-56556 19980407  
US 1998-223040 19981230  
DOCUMENT TYPE: Patent  
LANGUAGE: English  
OTHER SOURCE: 1999-601610 [51]  
AN AAZ20194 DNA DGENE  
AB This DNA sequence includes a coding region for a recombinant  
**Mycobacterium tuberculosis tri-antigen fusion**  
**protein** (see AAY32059), termed Mtb32A, composed of the antigens  
**Ra12**, TbH9 and Ra35. The DNA is useful for the recombinant  
production of the **fusion protein**. Coding sequences  
for the antigens were modified by PCR in order to facilitate their  
**fusion** and subsequent **expression** of the **fusion**  
**protein**. 3 Coding sequences for **Ra12**, TbH9 and Ra25  
were ligated to encode Mtb32A. The invention provides **fusion**  
**proteins** (see AAY32059-71) containing at least 2 M. tuberculosis  
antigens. The new **fusion proteins** and  
polynucleotides encoding them are useful as vaccines for preventing  
tuberculosis (claimed), for diagnosis (via in vitro assays or intradermal  
skin tests for detection of anti-M. tuberculosis antibodies), monitoring  
of disease progression, and treatment of tuberculosis. They are more  
effective immunogens than mixtures of the individual protein components.

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